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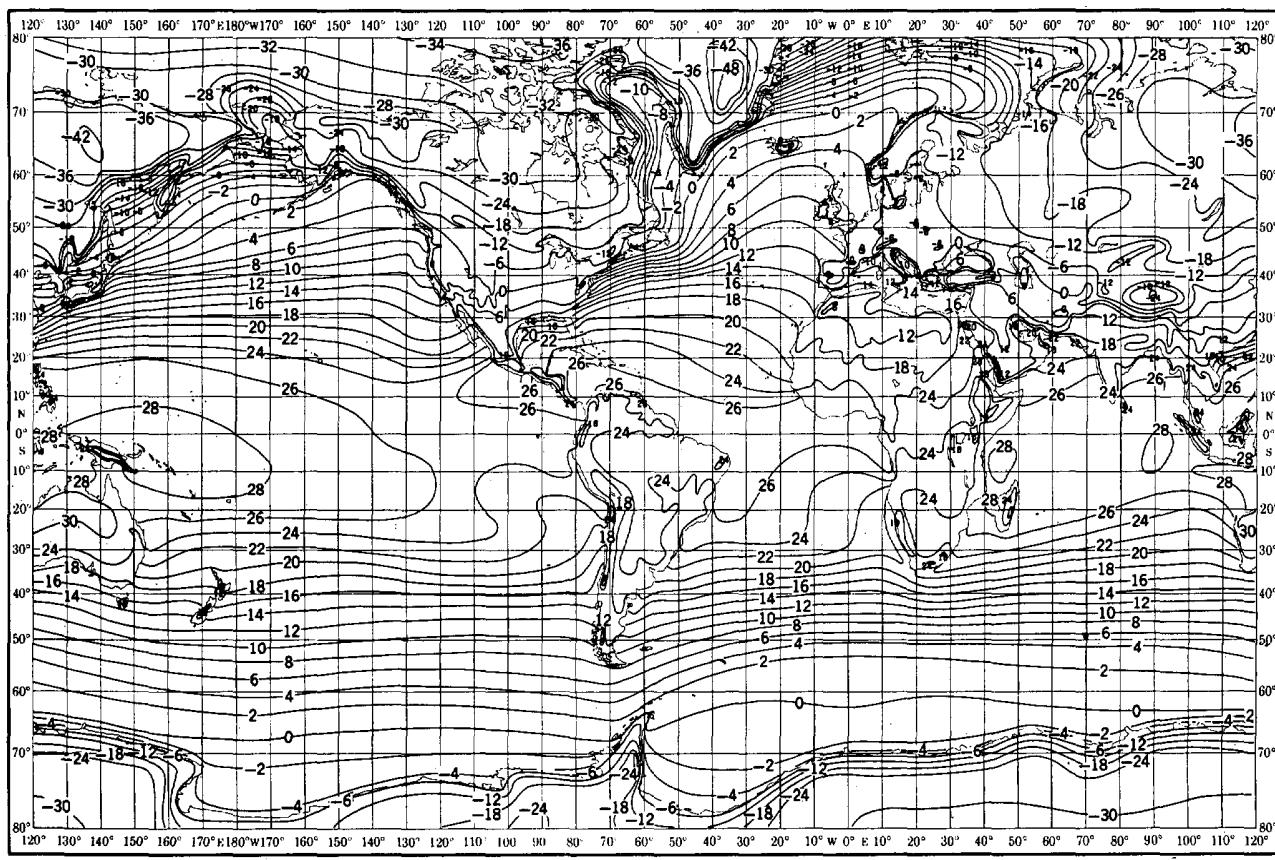
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# MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE  
WORLD METEOROLOGICAL ORGANIZATION

JANUARY

LONG TERM MEAN SURFACE AIR TEMPERATURE (°C)



Explanation of map on back cover

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ATMOSPHERIC ADMINISTRATION AND INFORMATION SERVICE ASHEVILLE, NORTH CAROLINA

## PREFACE

Monthly Climatic Data for the World (MCDW) is a publication of monthly summary climatic data from around the world. Data are prepared by Members of the World Meteorological Organization (WMO), for selected stations and exchanged monthly via international telecommunications under provisions of the WMO Technical Regulations, WMO Publications No. 306 (Manual on Codes) and No. 386 (Manual on the Global Telecommunications System). Data used in MCDW are translated from CLIMAT, CLIMAT SHIP, CLIMAT TEMP and CLIMAT TEMP SHIP codes. WMO No. 9 (Weather Reporting), Vol. A - Stations indicates stations that report in these codes. MCDW is sponsored by the WMO in accordance with Resolution 27 of the Second World Meteorological Congress, 1955. Percent of average sunshine was authorized during the Fourth Session (Stockholm 1965) of the WMO Commission for Climatology and recorded in the General Summary of the Report - WMO NO.177.RP.65. It is published by the United States National Oceanic and Atmospheric Administration.

## REFERENCE NOTES

Names of countries (areas) and stations are those used in WMO Publication No. 9, Vol. A - Stations, except that long names may be shortened. Only those stations authorized as contributors by the WMO in VOLUME A are published. "Means" and "totals" mentioned below are monthly summary means and totals. Units abbreviations: celcius = °C, degrees = °, geopotential meters = gpm, meters = m, millibars (hectopascals) = mb, millimeters = mm, minutes = ', percent = %.

The long term surface data averages required for these tables were calculated for 1951 - 1980 from data received at the National Climatic Data Center during those years. Six years of data were considered to be the minimum for calculations. Departures are differences between data and the averages for that month. Precipitation departure of "T" or "-T" indicates a difference less than 0.5 mm from average.

Provisional upper air normals, although not published in this bulletin, can be obtained from WMO Pub. No. 170. A description of procedures used by Members appeared in Monthly Climatic Data for the World, 1967 Supplement -- computation of CLIMAT TEMP values.

Late reports and corrections are published when received, except that data more than five years old are not published. The Corrections sections include corrections to past data. In these, "M" indicates the data should be deleted. Some late reports of pre-1987 data may appear in the Corrections sections, beginning in the January 1987 issue. This may continue in later issues until pre-1987 data are no longer received or until they become five years old.

The data received by the publisher often contain errors. A reasonable effort is made to correct errors; but some may appear in the publication, especially if the errors are subtle or were part of a large group of errors.

A new section, the station list, appears at the back of the publication. In January and July, all CLIMAT and CLIMAT TEMP stations from WMO Pub. No. 9, Vol. A are listed. This is the complete published station set. In other months, the list contains only those stations from which data no more than two months old have been recently received.

## SURFACE DATA TABLES

DAYS OBS.:	The number of days on which observations were taken.
PRESSURE:	Mean station pressure at station level and sea level in tenths of mb. In the sea level pressure column, Y or Z indicates the number is the mean height in gpm of the 850 mb or 700 mb pressure surface, respectively.
TEMPERATURE:	Mean temperature and departure from average value in °C. "S" indicates sea surface temperature.
DAYS 1 MM:	The number of days on which precipitation was 1 mm or more.
PRECIPITATION:	Total precipitation and departure from average in mm. "T" indicates an amount less than 0.5 mm.
QUINTILE:	Frequency group of precipitation totals. Group numbers are 0 - 6. Groups 0 and 6 are for totals less than and greater than any recorded in the 1951 - 1980 reference period.
% OF AV.:	Sunshine total hours expressed as a percentage of long-term average.

In January 1987, the "Sunshine" column was changed to include both total sunshine in hours and the percentage of long-term average.

Included in this publication on an interim basis are a group of US surface stations that are not in WMO No. 9. These stations will be sponsored as CLIMAT stations in the near future.

## UPPER AIR DATA TABLES

HEIGHT:	Mean height of pressure surfaces in gpm. Asterisk (*) indicates station elevation.
WIND:	Direction of mean vector wind in degrees, speed in mps. Double asterisk (**) is wind speed < 0.5 mps.
STEADINESS:	When number of missing days equals 9, nine or more days are missing.
OB:	Ratio of mean vector wind speed to mean scalar wind speed.

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EUROPE-NORWAY

## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	% OF AV.
EUROPE	0°	0°	sea	mb	mb	mb	°C	°C	mb	mb	sea	sea	sea	%
NORWAY														
JAN MAYEN	7056N	00840W	9	1012.3	1013.5	-2.6	2.7	4.4	1.0	11	66	-2	3	
SVALBARD LUFTHAVN	7815N	01528E	29	1008.7	1009.9	-11.9		1.7		3	8			
TROMSO/LANGNES	6941N	01855E	10	1010.3	1011.5	-5.9	-2.4	3.6	0.0	16	100	-6	3	
BJORNØYA	7431N	01901E	14	1009.6	1011.5	-6.6	1.2	3.3	0.2	4	11	-20	1	
VARDO	7022N	03106E	15	1009.9	1011.7	-5.6	-0.7	3.6	-0.1	19	56	11	5	
BODO VI	6716N	01422E	13	1016.7	1017.3	-5.4	-3.2	3.2	-0.8	12	61	-27	2	
ORLAND III	6342N	00936E	7	1018.5	1019.7	-4.7	-4.0	3.8	-1.0	14	50	-34	1	
OSLO/GARDERMOEN	6012N	01105E	204	996.9	1022.9	-14.2	-6.7	1.6	-1.9	4	23	-35	1	
STAVANGER/SOLA	5853N	00538E	9	1021.6	1022.4	-3.5	-4.2	4.7	-0.5	9	48	-32	2	
SWEDEN														
KARESUANDO	6827N	02230E	327	31	1017.6	-20.1	-4.6	1.7	-0.3	3	10	-12	1	55
HAPARANDA	6550N	02409E	6	31	1019.6	-19.4	-7.7	1.4	-1.4	4	16	-24	1	141
OSTERSUND/FROSON	6311N	01430E	366	31	1022.0	-16.2	-7.4	1.9	-1.4	7	22	-8	2	116
HARNOSAND	6238N	01757E	8	31	1022.0	-16.0	-9.3	2.0	-1.7	12	40	-8	3	132
KARLSTAD FLYGPLATS	5922N	01328E	55	31	1022.9	-13.4	-9.1	2.0	-2.4	4	13	-30	1	179
GOTEBORG/SAVE	5747N	01153E	53	31	1021.9	-8.2	-7.1	2.9	-2.2	5	19	-40	1	112
JONKOPING FLYGPLATS	5746N	01405E	232	31	1021.2	-10.8	-8.1	2.7	-2.0	5	22	-18	2	131
VISBY FLYGPLATS	5740N	01821E	47	31	1019.2	-6.5	-6.0	3.6	-1.4	16	54	3	3	96
FINLAND														
SODANKYLA	6722N	02639E	179	994.4	1019.1	-22.6	-8.3	1.3	-0.9	1	6	-25	0	
KAJAANI	6417N	02741E	136	1000.7	1019.4	-21.9	-10.5	1.2	-1.4	5	14	-15	1	
VAASA	6303N	02146E	4	1018.6	1019.8	-18.6	-11.5	1.7	-1.9	7	21	-8	3	
JYVASKYLA	6224N	02541E	145	999.5	1019.4	-21.6	-12.2	1.3	-1.8	8	24	-18	1	
JKOKIOINEN	6049N	02330E	103	1005.7	1019.7	-18.9	-11.5	1.7	-1.9	5	18	-16	1	
TURKU	6031N	02216E	59	1011.8	1019.7	-16.8	-11.1	1.8	-2.1	4	12	-28	1	
HELSINKI-VANTAA	6019N	02458E	56	1011.4	1019.1	-17.9	-11.8	1.8	-1.9	4	14	-30	1	
UNITED KINGDOM														
LERWICK	6008N	00111W	84	1011.6	1021.9	2.5	-0.6	6.3	-0.6	15	124	2	3	80
STORNOWAY	5813N	00619W	13	1020.8	1022.6	3.7	-0.4	6.6	-1.1	8	55	-61	1	30
ABERDEEN/DYCE	5712N	00213W	65	1015.5	1023.6	1.6	-1.0	6.0	-0.7	13	53	-26	2	38
TIREE	5630N	00653W	12	1021.5	1022.6	4.1	-1.0	6.8	-1.1	11	62	-58	1	52
EDINBURGH AIRPORT	5557N	00321W	41	1019.3	1023.9	1.3	-1.8	5.9	-1.0	11	49	0	3	43
ESKDALEMUIR	5519N	00312W	242	993.6	1024.3	-0.8	-2.3	5.2	-1.3	10	85	-65	1	51
LEEMING	5418N	00132W	40	1020.1	1024.3	0.8	-2.7	5.7	-1.2	6	16	-45	0	47
VALLEY	5315N	00432W	11	1021.9	1023.3	3.1	-2.4	6.5	-1.3	10	24	-61	1	71
MANCHESTER AIRPORT	5321N	00216W	78	1014.4	1024.1	1.5	-2.2	5.8	-1.4	4	23	-44	1	67
WADDINGTON	5310N	00031W	70	1014.9	1023.9	0.5	-2.6	5.8	-1.4	6	33	-17	2	56
BIRMINGHAM/AIRPORT	5227N	00144W	99	1011.6	1024.1	0.3	-3.0	5.6	-1.5	4	16	-42	0	64
CARDIFF-WALES AIRPORT	5124N	00321W	67	1015.4	1023.6	1.6	-2.8	6.0	-1.7	5	15	-72	0	61
LONDON/GATWICK AIRPORT	5109N	00011W	62	1015.6	1023.0	0.6	-3.0	5.6	-2.0	5	30	-46	1	50
PLYMOUTH/MOUNT BATTEN	5021N	00407W	27	1019.3	1022.8	3.1	-2.9	6.4	-2.2	4	13	-96	0	56
BOURNEMOUTH AIRPORT	5047N	00150W	11	1021.8	1023.2	1.4	-3.1	5.7	-2.1	4	10	-81	1	66
BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81	1014.5	1023.2	3.3	-0.4	6.7	-0.8	9	32	-49	1	58
IRELAND														
VALENTIA OBSERVATORY	5156N	01015W	14	1019.5	1021.2	5.8	-0.8	7.9	-0.8	12	79	-83	1	47
CORK AIRPORT	5151N	00829W	162	1001.8	1022.0	2.0	-3.0	7.4	-0.8	7	78	-60	1	31
SHANNON AIRPORT	5242N	00855W	20	1019.7	1022.1	4.7	-0.4	7.4	-0.8	8	37	-56	1	55
DUBLIN AIRPORT	5326N	00615W	85	1012.3	1022.9	3.9	-0.9	6.9	-0.9	8	34	-34	1	44
BELMULLET	5414N	01000W	10	1020.3	1021.5	4.1	-1.5	7.4	-0.7	12	56	-64	1	70
MALIN HEAD	5522N	00720W	25	1019.3	1022.4	4.3	-1.1	7.0	-0.8	9	37	-70	1	45
ICELAND														
KEFLAVIK	6358N	02236W	54	1006.2	1012.9	3.3	3.3	6.9	1.4	14	75	-19	2	
REYKJAVIK	6408N	02154W	61	1006.0	1013.6	3.1	3.6	6.6	1.2	10	55	-20	2	38
AKUREYRI	6541N	01805W	27	1011.0	1014.4	2.1	4.2	5.1	0.6	2	6	-46	1	6
HJARDARNES	6415N	01511W	12	1015.3	1016.6	1.5	1.5	5.8	0.8	13	113	-28	3	100
DENMARK														
EGERESMINDE	6842N	05245W	47	997.3	1003.5	-13.5	-0.7	2.1	0.3	4	8	-8	2	
GODTHAB	6410N	05145W	48	998.2	1001.7	-7.5	-0.6	3.2	0.6	8	33	-14	2	
DANMARKSHAVN	7646N	01840W	12	1007.6	1009.2	-20.6	-2.4	0.8	0.1	3	6	-7	3	

EUROPE-DENMARK

## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE			
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL	% OF AV.	
EUROPE	0°	0°	0	mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hrs	hrs	hrs	
DENMARK																	
ANGMAGSSALIK	6536N	03738W	52	999.2	1003.7	-1.0	6.5	5.2	2.5	24	341	242	6				
THORSHAVN	6201N	00646W	39	1017.7	1020.7	3.8	0.6	7.1	0.3	14	74	-73	1				
ALBORG	5706N	00952E	3	1021.5	1021.9	-5.4	-5.1	3.7	-2.0	6	15	-24	1				
KOBENHAVN/LANDBOHOJSKOLEN	5541N	01233E	9	1019.4	1020.0	-4.8	-5.3	3.9	-1.9	7	30	-21	1				
RONNE	5504N	01445E	16	1016.7	1018.8	-4.3		3.8		13	118		6				
NETHERLANDS																	
DE BILT	5206N	00511E	4	1021.7	1022.2	-2.7	-4.7	4.6	-2.2	5	25	-41	1	59	105		
BELGIUM																	
UCCLE	5048N	00421E	104	1008.6	1021.4	-2.8	-5.3	4.4	-2.5	6	38	-25	1				
LUXEMBOURG																	
LUXEMBOURG/LUXEMBOURG	4937N	00613E	379	973.4	1021.1	-4.8	-5.2	3.8	-2.1	4	41	-24	1	62	135		
SWITZERLAND LIECHTENSTEIN																	
ZURICH (TOWN/VILLE)	4723N	00834E	569	950.6	1021.2	-4.3	-3.8	4.1	-1.0	11	49	-19	2	44	94		
SAENTIS	4715N	00921E	2500	741.6	2945	-9.3	-0.7	2.0	-0.5	12	150	-21	3	142	127		
GENEVE-COINTRIN	4615N	00608E	416	968.7	1020.4	-1.9	-2.7	4.3	-1.3	9	42	-34	2	27	50		
LUGANO	4600N	00858E	276	981.6	1015.6	2.1	-0.4	4.7	-1.0	4	53	-23	2	140	120		
FRANCE																	
CHERBOURG	4939N	00128W	138	1004.6	1022.0	0.7	-4.6	5.4	-2.4	7	33	-56	1	44			
BREST/GUIPAVAS	4827N	00425W	103	1008.3	1021.3	1.9	-4.2	5.7	-2.8	9	50	-81	1	89	127		
PARIS/LE BOURGET	4858N	00227E	65	1014.1	1022.4	-1.9	-5.2	4.7	-2.5	5	27	-23	2	68	139		
NANCY/ESSEY	4841N	00613E	217	994.0	1021.6	-3.5	-4.8	4.0	-2.3	4	37	-23	2	50	96		
STRASBOURG	4833N	00738E	154	1001.3	1021.0	-3.8	-4.7	4.0	-2.0	7	30	-5	3	52	104		
NANTES	4710N	00136W	27	1017.5	1021.1	-0.4	-5.4	5.3	-2.9	3	14	-70	1	70	93		
BOURGES	4704N	00222E	166	999.9	1021.0	-2.8	-5.9	4.4	-2.7	8	32	-28	1	49	73		
DIJON	4716N	00505E	227	991.9	1020.6	-3.2	-4.8	4.5	-1.8	9	27	-33	1	47	68		
LIMOGES	4552N	00111E	402	970.0	1020.2	-2.1	-5.4	4.9	-2.0	7	29	-57	1	87	120		
LYON/BRON	4543N	00457E	201	994.9	1020.4	-2.2	-4.6	4.6	-1.9	10	32	-24	1	41	65		
BORDEAUX/MERIGNAC	4450N	00042W	61	1012.0	1019.7	0.5	-4.8	6.2	-2.1	10	29	-71	1	88	110		
TOULOUSE/BLAGNAC	4338N	00122E	153	1001.1	1020.4	0.9	-3.9	6.4	-1.5	6	21	-36	1	85	101		
NIMES/COURBESSAC	4352N	00424E	62	1009.1	1016.9	2.3	-3.6	5.2	-1.8	5	76	12	4	152	106		
MARSEILLE/MARIGNANE	4327N	00513E	36	1010.7	1015.2	2.3	-3.9	5.4	-2.3	6	78	33	5	154	112		
NICE	4339N	00712E	10	1011.4	1012.7	7.2	-0.3	6.4	-1.1	8	96	13	4	156	106		
PERPIGNAN	4244N	00252E	48	1011.2	1017.2	5.2	-2.5	5.8	-1.9	5	29	-9	4	146	90		
AJACCIO	4155N	00848E	9	1012.0	1012.7	8.2	0.2	9.0	-0.2	8	123	43	5	110	82		
SPAIN																	
LA CORUNA	4322N	00825W	67	31	1009.7	1017.8	10.0	0.0	9.5	-0.2	11	71	-64	1	115		
VALLADOLID	4139N	00446W	735	31	931.8	1019.9	3.4	-0.5	6.7	-0.3	8	72	24	5	120		
ZARAGOZA/AEROPUERTO	4140N	00101W	258	31	987.1	1018.7	4.8	-1.0	6.5	-0.8	8	56	33	5	100		
BARCELONA/AEROPUERTO	4117N	00204E	6	31	1014.1	1014.9	8.2	-0.6	7.8	1.5	6	66	26	4	95		
MADRID	4025N	00341W	667	31	941.1	1020.3	5.1	-0.6	6.6	-0.7	10	93	43	5	115		
PALMA DE MALLORCA/SON SAN J.	3933N	00244E	8	31	1015.2	1016.1	8.6	-5.7	10.1	0.0	13	142	-99	0	85		
MENORCA/MAHON	3952N	00414E	82	31	1005.7	1015.6	9.8	-0.9	9.6	-0.5	15	132	66	5	70		
BADAJOZ	3853N	00658W	195	31	997.1	1018.5	7.3	-1.6	8.9	-1.0	10	107	46	5	100		
ALICANTE	3822N	00030W	82	31	1007.4	1017.4	11.0	-0.5	8.8	-0.4	8	18	0	3	100		
SEVILLA/TABLADA	3722N	00600W	14	31	1015.8	1017.5	10.1	-0.6	10.4	-0.3	11	157	71	5	105		
ALMERIA/AEROPUERTO	3651N	00223W	21	31	1014.2	1016.8	12.2	-0.1	9.6	-0.1	6	45	20	5	95		
GIBRALTAR																	
GIBRALTAR	3609N	00521W	5		1018.1	1018.5	13.1	-0.1	11.4	-0.4	15	216	74	4	105	61	
PORTUGAL																	
HORTA (ACORES)	3831N	02838W	62	31	1001.2	1008.6	14.8	0.4	13.8	0.5	22	254	129	5	90		
PONTA DELGADA (ACORES)	3745N	02540W	36	31	1005.5	1009.8	15.8	1.6	15.1	1.6	19	288	168	6	100		
SANTA MARIA (ACORES)	3658N	02510W	100	31	999.2	1011.2	16.0	1.6	14.6	2.1	14	238	125	5			
LISBOA	3843N	00909W	95	31	1008.7	1019.0	11.2	0.4	9.3	-1.1	13	129	18	3	115		
PORTO/SERRA DO PILAR	4108N	00836W	100	31	1005.0	1017.2	9.1	0.1	8.8	-0.3	14	110	-49	2	100		
GERMAN DEMOCRATIC REPUBLIC																	
WARNEMUENDE	5411N	01205E	10		1019.0	1020.3	-5.0	-5.1	3.9	-1.8	13	80	36	5	49	95	

EUROPE-GERMAN DEM REP

## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE		
EUROPE	0°	0°	m	m b	mb	mb	°C	°C	mb	mb	m	m	mm	h	%
GERMAN DEMOCRATIC REPUBLIC															
GREIFSWALD	5406N	01324E	6	1019.0	1019.8	-6.1	-5.4	3.5	-1.9	10	53	15	5	49	95
POTSDAM	5223N	01304E	100	1007.3	1020.3	-7.3	-6.3	3.3	-2.1	11	64	22	5	51	90
LINDENBERG	5213N	01407E	112	1005.2	1019.9	-8.1	-6.8	3.2	-2.0	11	56	19	5	72	120
LEIPZIG-SCHKEUDITZ	5125N	01214E	133	1003.4	1020.6	-7.4	-6.9	3.6	-1.9	13	65	31	5	38	75
DRESDEN-KLOTZSCHE	5108N	01347E	226	990.9	1020.3	-7.5	-7.4	3.4	-2.0	15	93	40	5	40	60
GOERLITZ	5110N	01457E	238	989.1	1020.1	-8.5	-6.8	3.2	-1.8	14	81	39	5	45	65
MEININGEN	5034N	01023E	453	963.2	1021.0	-7.3		3.2		10	47				
ERFURT-BINDERSLEBEN	5059N	01058E	323	979.9	1021.6	-7.5	-6.3	3.4	-1.9	12	48	19	5	36	70
FICHTELBERG	5026N	01257E	1215	872.7	1418 Y	-9.6	-4.3	3.0	-1.1	17	129	43	5	67	115
GERMANY, FEDERAL REPUBLIC OF															
SCHLESWIG	5432N	00933E	48	1015.2	1021.4	-3.9	-4.0	4.2	-1.6	6	39	-33	1	61	124
HAMBURG-FUHLSBUETTEL	5338N	01000E	16	1019.1	1021.1	-5.2	-5.6	3.9	-1.9	12	58	2	3	66	129
EMDEN-HAFEN	5321N	00712E	12	1009.9	1021.4	-3.3	-4.5	4.2	-2.0	6	47	-15	3	63	95
HANNOVER	5228N	00942E	54	1014.3	1021.3	-6.4	-6.9	3.8	-2.2	11	71	24	5	50	109
BERLIN-TEMPELHOF	5228N	01324E	49	1013.7	1020.1	-6.9	-6.6	3.5	-1.8	11	51	10	4	45	120
ESSEN	5124N	00658E	161	1009.4	1021.6	-4.0	-5.7	4.3	-1.8	11	67	-4	3	40	100
KASSEL	5118N	00927E	233	990.9	1020.8	-5.9	-6.2	3.7	-2.0	9	79	27	5	50	104
GEISENHEIM	4959N	00757E	120	1005.2	1020.5	-3.2	-4.3	4.1	-1.8	6	25	-14	2	67	146
STUTTGART/SCHNARRENBERG	4850N	00912E	311	981.6	1021.0	-4.2	-4.6	3.9	-1.7	7	28	-7	2	52	
NUERNBERG	4930N	01105E	312	989.2	1020.8	-5.3	-4.5	3.9	-1.4	10	43	0	4	42	76
MUENCHEN-RIEM	4808N	01142E	529	954.7	1020.9	-5.4	-3.7	3.9	-1.1	11	62	10	4	43	75
KONSTANZ	4741N	00911E	447	964.6	1020.4	-3.8		4.1		10	36	2	38	90	
ZUGSPITZE	4725N	01059E	2962	697.7	2936 Z	-13.5	-2.2	1.9	-0.3	14	173	-6	3	115	99
AUSTRIA															
ST. POELTEN	4812N	01537E	282	985.0	1019.7	-5.2	-3.4	3.4	-1.5	10	55	21	5	55	120
WIEN/HOHE WARTE	4815N	01622E	209	993.3	1018.8	-4.3	-3.4	3.6	-2.0	11	82	45	5	58	102
INNSBRUCK-FLUGHAFEN	4716N	01121E	598	949.0	1020.5	-5.7	-3.7	3.4	-1.2	11	45	-6	3	63	85
SONNBLICK	4703N	01257E	3107	684.6	2927 Z	-14.2	-1.3	1.5	-0.6	17	131	2	3	97	89
SALZBURG-FLUGHAFEN	4748N	01300E	450	967.1	1020.5	-4.5	-2.7	3.7	-1.2	12	87	28	5	43	58
KLAGENFURT-FLUGHAFEN	4639N	01420E	452	964.6	1020.1	-8.5	-3.9	2.8	-1.6	7	40	0	3	82	111
GRAZ-THALERHOF- FLUGHAFEN	4700N	01526E	347	976.6	1019.0	-6.0	-2.6	3.5	-1.1	7	65	33	6	92	123
CZECHOSLOVAKIA															
CHEB	5005N	01224E	471	960.4	1020.0	-7.2	-4.5	3.3	-1.5	10	49	16	4	61	156
PRAHA/RUZYNE	5006N	01417E	369	972.9	1020.0	-7.8	-5.5	3.3	-1.4	11	42	20	5	57	100
PRAHA-LIBUS	5000N	01427E	304	980.6	1019.4	-6.7	-5.8	3.3	-1.8	11	36	10	5	57	
BRNO/TURANY	4909N	01642E	246	987.6	1019.2	-7.2	-4.9	3.3	-1.4	11	37	12	5	55	102
OSTRAVA/MOSNOV	4941N	01807E	256	986.2	1019.5	-9.4	-7.1	3.0	-1.7	11	47	17	5	24	44
SLIAC	4838N	01909E	318	975.6	1016.2	-7.0	-3.0	3.2	-1.2	13	64	20	5	74	112
POPRAD/TATRY	4904N	02015E	707	929.6		-10.0	-5.0	2.7	-1.2	11	38	14	5	74	79
POLAND															
LEBA	5445N	01732E	2	1017.8	1018.1	-7.7		3.2		9	51				
SZCZECIN	5324N	01437E	3	1018.4	1019.3	-7.9	-6.7	3.2	-1.9	9	28	-5	2		
BIALYSTOK	5306N	02310E	151	999.3	1019.5	-15.1	-10.4			7	21	-14	2		
POZNAN	5225N	01650E	92	1008.0	1019.1	-9.6	-7.4	2.8	-2.1	9	22	-7	2		
WARSZAWA-OKCIE	5210N	02058E	107	1005.0	1019.1	-12.3	-8.9			3	14	-9	2		
WROCŁAW II	5106N	01653E	121	1003.7	1019.5	-9.4	-7.5	3.1	-1.8	13	45	18	5		
WLODAWA	5133N	02332E	179	995.9	1019.6	-14.2		2.1		5	16				
PRZEMYSŁ	4948N	02246E	280	983.0	1019.5	-10.4	-7.0	2.6	-1.5	12	28	-4	3		
HUNGARY															
MISKOLC	4808N	02048E	119	1001.7	1017.6	-6.8	-3.7	3.4	-1.1	11	60	28	5	55	93
BUDAPEST/METEOROLOGIA	4731N	01902E	129	1001.1	1017.6	-3.6	-3.1	3.3	-1.6	9	57	16	5	68	117
BUDAPEST/LORINC	4726N	01911E	139	999.6	1017.5	-4.2	-2.3	4.0	-0.9	10	58	26	5	77	120
DEBRECEN	4729N	02138E	112	1002.4	1017.7	-5.5	-3.1	3.8	-1.2	12	79	44	5	54	90
PECS	4600N	01814E	203	992.4	1018.1	-4.0	-2.9	3.9	-1.2	15	84	45	5	59	90
SZEGED	4615N	02006E	83	1007.4	1018.0	-4.8	-2.8	3.8	-1.3	11	88	60	6	61	95
YUGOSLAVIA															
ZAGREB/GRIC	4549N	01559E	162	997.6	1018.2	-1.9	-2.2	4.0	-1.4	9	81	24	4	54	95
BEOGRAD	4448N	02028E	132 31	1001.1	1017.8	-2.5	-2.9	4.1	-1.1	16	107	58	5	66	
SPLIT/MARJAN	4331N	01626E	128	997.7	1013.3	6.5	-1.1	5.7	-1.2	10	112	22	4	106	

EUROPE-YUGOSLAVIA

## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUNSHINE	
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	MEAN °C	MEAN mb	MEAN mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE h
EUROPE	0°	0°	0											
YUGOSLAVIA														
SARAJEVO	4352N	01826E	637		944.5	1017.0	-1.7	-0.8	4.4	-0.6	23	105	32	4 192 70
TITOGRAD/GOLUBOVCI	4222N	01915E	33	31	1008.2	1014.5	4.9	-0.2	6.9	0.9	15	250	55	4 52
SKOPJE-PETROVAC	4158N	02139E	239	31	987.8	1014.7	-1.7	-1.9	4.8	-0.8	11	51	11	4
ROMANIA														
BISTRITA	4709N	02431E	367		971.9	1018.4	-6.3	-1.7	3.7	-0.3	16	83	42	5
IASI	4710N	02738E	104		1005.4	1019.0	-9.2	-5.4	2.7	-2.1	8	39	7	4 25 40
CLUJ-NAPOCA	4647N	02334E	413		965.7	1017.6	-5.1	-0.8	3.8	-0.7	7	34	4	4 66 110
TIMISOARA	4546N	02115E	88		1007.2	1018.5	-3.9	-2.4	4.3	-0.8	15	79	37	5 51 100
SIBIU	4548N	02409E	444		962.2	1017.9	-4.5	-0.9	4.1	-0.3	6	23	-8	3 58 85
SULINA	4509N	02940E	9		1015.9	1017.1	-3.2	-3.5	4.6	-1.2	4	19	-9	2 58 105
BULGARIA														
LOM	4349N	02315E	33		1014.5	1018.7	-2.2	-1.5	4.3		10	97	55	6 55
VARNA	4312N	02755E	43		1012.4	1017.9	-0.1	-2.2	5.2		4	34	-20	3 48
SOFIA (OBSERV.)	4239N	02323E	595		945.2	1018.2	-2.1	-0.7	4.3		13	90	54	5 56
ITALY														
PESCARA	4226N	01412E	11		1011.2	1012.4	5.8	0.1	7.1	-0.5	11	78	12	4 80 80
BRINDISI	4039N	01757E	10		1011.4	1012.6	10.1	0.5	10.0	0.1	11	67	3	3 83 65
MARINA DI GINOSA	4026N	01653E	12		1011.1	1012.6	8.9	0.4	8.5	-0.7	7	23	-42	2
MALTA														
LUQA	3551N	01429E	91		1007.9	1016.6	12.4	0.1			8	38	-50	2 173 100
TURKEY														
SAMSUN	4117N	03620E	4		1016.8	1017.2	7.4	0.3	7.0	0.3	10	110	39	5
EDIRNE	4140N	02634E	48		1011.0	1017.0	1.0	-1.6	6.2	0.1	10	68	-2	3 12 15
ISTANBUL/GOZTEPE	4058N	02905E	40		1012.7	1016.7	5.7	0.0	7.7	0.7	12	108	8	3 92 106
KASTAMONU	4122N	03346E	799		922.3	1018.2	-1.3	-0.2	4.3	-0.2	12	76	44	5 84 84
SIVAS	3945N	03701E	1285		870.5	1021.0	-2.1	1.3	4.2	0.5	9	85	44	5 92 106
ERZINCAN	3944N	03930E	1215		880.5	1023.8	-1.5	2.0	4.5	1.0	9	59	29	5 88 84
CANAKKALE	4008N	02624E	3		1015.5	1016.1	6.9	0.7	8.7	1.0	13	150	45	4 16 15
BURSA	4011N	02904E	100		1004.7	1017.1	6.4	1.3	6.6	0.5	12	174	83	5
ANKARA/CENTRAL	3957N	03253E	894		912.2	1017.9	2.2	2.0	5.5	0.8	7	85	39	5 91 95
AFYON	3845N	03032E	1034		897.7	1018.4	2.7	2.3	5.6	0.5	11	50	7	3 90 97
IZMIR	3826N	02710E	25		1012.3	1015.3	10.1	1.3	9.4	1.4	14	20	-113	1
ISPARTA	3745N	03033E	997		902.0	1018.4	3.8	1.8	5.9	0.6	7	51	-43	2 90
URFA	3708N	03846E	547		954.7	1019.9	6.6	1.3	7.6	1.4	13	124	31	4 95 61
DIYARBAKIR	3753N	04011E	677		942.1	1021.7	2.9	1.1	6.1	0.7	12	83	8	3
MUGLA	3712N	02821E	646		940.9	1017.7	5.9	0.4	7.5	0.5	14	261	0	3 94 80
ANTALYA	3642N	03044E	57		1010.4	1015.6	10.5	0.3	9.2	0.8	8	63	-193	1
ADANA	3659N	03518E	20		1015.7	1018.1	11.1	9.0			11	153	5	14 150
USSR														
MURMANSK	6858N	03303E	46		1008.0	1014.8	-14.5	-3.8	2.2	-0.3	11	46	20	5
KANIN NOS	6839N	04318E	49		1004.1	1010.5	-11.7	-3.0	2.5	-0.4	13	38	2	4
ARHANGEL'SK	6435N	04030E	13		1013.9	1015.0	-20.9	-7.5	1.5	-0.7	3	14	-18	1
REBOLY	6349N	03049E	181		994.3	1019.2	-21.8	-9.6	1.2	-1.2	4	15	-15	1 27 180
VYTEGRA	6101N	03627E	59		1010.7	1018.4	-24.0	-11.4	1.2	-1.3	9	19	-19	1 15 75
TALLIN	5925N	02448E	44		1015.0	1019.5	-13.8	-8.5	2.4	-1.4	9	42	5	4 21 10
LENINGRAD (TOWN/VILLE)	5958N	03018E	4		1017.5	1018.3	-17.9	-10.1	1.6	-2.4	5	26	-11	2 16 95
VELIKIE LUKI	5623N	03036E	98		1000.0	1013.9	-17.5	-8.9	1.5	-1.5	16	37	10	4 24 90
KAUNAS	5453N	02353E	75		1008.4	1018.7	-15.4	-10.3	5.9	2.1	7	20	-14	2 65 160
VOLOGDA	5917N	03952E	118		999.7	1017.7	-24.5	-12.3	1.1	-1.3	6	13	-16	1 55 205
KIROV	5839N	04937E	164		994.5	1017.3	-21.7	-7.5	1.2	-0.8	11	29	-2	3 17 55
KAZAN'	5547N	04911E	64		1002.2	1018.4	-19.9	-6.3	1.2	-0.9	10	30	3	4 51 135
MOSKVA	5545N	03734E	156		997.7	1018.7	-17.5	-7.9	1.6	-1.0	8	36	-6	3
KIEV	5024N	03027E	179		996.6	1018.8	-13.7	-8.2	1.9	-1.9	12	66	23	4
L'VOV	4949N	02357E	325		978.0	1019.4	-11.0	-6.4	2.4	-1.7	12	47	9	4
ODESSA	4629N	03038E	64		1012.6	1018.1	-6.4	-4.8	3.3	-1.7	12	61	18	4
SIMFEROPOL'	4501N	03359E	205		993.9	1016.8	-2.6	-2.3	4.8	-0.5	15	84	34	5 42 50
VORONEZ	5142N	03910E	164		998.6	1018.6	-16.7	-7.3	1.5	-1.3	10	42	5	4 51 105
SARATOV	5134N	04602E	156		992.9	1019.8	-17.5	-6.1	1.6	-0.7	17	44	9	4 69 155
HAR'KOV	4956N	03617E	152		998.6	1019.2	-14.2	-7.1	1.9	-1.3	10	39	-3	4

EUROPE-USSR

## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE				
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE			
EUROPE	0°	0°	0		mb	mb	°C	°C	mb	mb	mm	mm	mm	hr			
USSR														%			
ROSTOV-NA-DONU	4715N	03949E	77		1011.7	1020.5	-7.6	-2.6	3.1	-0.6	14	127	80	6	40	85	
ASTRAHAN'	4616N	04802E	18		1021.5	1024.2	-5.9	0.3	3.4	-0.1	5	17	3	4	70		
PJATIGORSK	4403N	04302E	0		928.1	1019.0	-2.8	1.0	4.5	1.0	5	43	26	6			
TBILISI	4141N	04457E	490		968.1	1020.4	3.6	1.9	6.0	1.3	2	13	-7	2	57	55	
SYRIAN ARAB REPUBLIC																	
KAMISHLI	3703N	04113E	455		966.5	1021.0	8.1	1.9	7.6	1.1	16	54	-30	2	100		
ALEPO	3611N	03713E	393		974.2	1021.5	7.1	1.4	8.3	1.1	14	99	37	5	125	40	
LATTAKIA	3532N	03546E	7		1018.3	1019.2	9.8	-2.0	13.8	5.2	15	204	-55	4	620		
HAMA	3508N	03643E	309		984.5	1022.0	7.8	0.5	8.6	11		69	6	3			
DEIR EZZOR	3519N	04009E	212		997.8	1023.5	8.9	2.0	7.1	-0.2	3	4	-28	1			
PALMYRA	3433N	03818E	404		972.8	1021.4	7.7	0.8	6.2	-1.0	2	5	-17	1	211	75	
DAMASCUS NEW INT. AIRPORT	3325N	03631E	611		948.5	1020.7	6.8	0.0	7.2	0.2	7	33	-11	3	186	95	
ISRAEL																	
BEN-GURION INT. AIRPORT	3200N	03454E	49		1014.7	1019.4	12.1	-0.4	10.7	1.1	9	102	-42	2	198	106	
JERUSALEM	3147N	03513E	809		932.4	1512	Y	8.6	-0.4	8.2	0.7	12	134	12	4	194	108
EILAT	2933N	03457E	13		1018.1	1019.2					0	0	-5	0	265	115	
JORDAN																	
H-4 'IRWAISHED'	3230N	03812E	688	31	940.7	1020.8	9.6	1.6	5.3	-1.1	0	0	-14	1		120	
AMMAN AIRPORT	3159N	03559E	768	31	929.5	1020.5	9.0	1.1	8.0	0.8	7	46	-14	3		91	
MA'AN	3010N	03547E	1070	31	898.0	1534	Y	8.9	1.3	4.6	-1.2	0	0	-8	1		114
ASIA																	
USSR																	
POLAR GMD IM.E.T. KRENKELJA	8037N	05803E	20		1009.9	1012.9	-23.3	2.3	1.0	0.0	11	80	42	5			
OSTROV VIZE	7930N	07659E	18		1014.2	1015.7	-27.6	-0.6	0.7	-0.1	0	9	-10	2			
GMO IM.E.K. FEDOROVA	7743N	10417E	0		1015.3	1017.5	-30.9	-1.5	0.4	-0.2	5	43	29	6			
OSTROV DIKSON	7330N	08014E	20		1007.6	1014.4	-31.4	-4.2	0.4	-0.3	8	30	-6	4			
HATANGA	7159N	10228E	24		1014.3	1019.2	-40.5	-6.1	0.2	-0.1	1	4	-12	1			
OSTROV KOTEL'NYJ	7600N	13754E	10		1017.9	1019.0	-28.9	1.7	0.6	0.1	0	5	-2	2			
COUKURDAH	7037N	14753E	48		1012.2	1021.0	-32.8	2.0	0.4	0.1	6	13	1	4			
OSTROV CETYREH- STOLBOVOJ	7038N	16224E	6		1011.3	1017.0	-26.2	2.1	0.7	0.0	1	3	-8	1			
NAR' JAN-MAR	6739N	05301E	7		1009.0	1010.4	-22.8	-3.5	1.3	-0.1	5	17	-9	2	2	75	
HOSEDA-HARD	6705N	05923E	84		999.8	1011.4	-24.3	-2.0	1.1	-0.2	11	32	-1	3	3	75	
SALEHARD	6632N	06632E	35		1009.9	1012.1	-25.7	-1.3	1.0	0.2	4	19	-1	3			
TURUHANSK	6547N	08757E	32		1012.7	1018.1	-31.3	-4.0	0.7	0.1	13	30	1	3	2	10	
TARKO-SALE	6455N	07749E	27		1010.1	1014.3	-28.4	-1.1	0.9	0.1	12	27	4	4	5	40	
NJAKSIMVOL'	6226N	06052E	50		1008.5	1015.5	-24.0	-0.4	1.0	-0.1	9	34	7	4	21		
SYKTYVKAR	6140N	05051E	96		998.7	1015.1	-22.5	-5.0	1.1	-0.6	10	27	-2	3	11	60	
BOR	6136N	09000E	63		1015.0	1025.5	-29.1	-4.1	0.8	0.0	15	38	5	4	16	60	
HANTY-MANSIJSK	6058N	06904E	40		1008.5	1015.0	-22.7	-2.2	1.1	-0.2	11	48	21	5	21		
ESSEJ	6828N	10222E	271		982.8	1022.3	-39.3	-2.7	0.1	-0.2	2	8	-3	3			
OLENEK	6830N	11226E	127		989.8	1022.2	-44.0	-3.9	0.2	-1.2	4	11	2	5			
DZARDZAN	6844N	12400E	45		1018.3	1024.1	-40.7	-1.7	0.2	0.0	3	8	-2	3			
VERHOJANSK	6733N	13323E	137		1007.1	1028.2	-48.7	-1.8	0.1	-0.1	1	4	-3	2			
TURA	6410N	10004E	186		999.6	1027.0	-39.4	-2.7	0.3	0.0	5	14	-2	3	4	135	
VILJUJSK	6346N	12137E	107		1008.4	1025.1	-41.0	-2.8	0.2	0.0	6	14	5	5	4	10	
OJMjakon	6316N	14309E	726		926.6	1036.0	-49.1	-2.1	0.1	-0.1	7	11	2	4			
SUNtar	6209N	11739E	124		1005.7	1024.9	-33.3	0.2	0.5	0.2	7	21	7	6	23	55	
ERBOGACEN	6116N	10801E	291		985.6	1027.2	-33.5	-1.6	0.6	0.3	2	13	-3	2	16		
JAKUTSK	6205N	12945E	103		1012.9	1028.3	-45.0	-3.0	0.1	-0.1	0	3	-5	1	3	5	
MYS SMIOTA	6855N	17929W	7		1013.2	1013.8	-24.9	-0.6	0.8	-0.1	7	30	-5	4			
ILIRNEJ	6720N	16814E	0		969.3	1019.3	-32.5	-0.9	0.4	-0.8	2	8	-12	2	2	60	
UST'-OLOJ	6633N	15925E	125		1002.4	1020.6	-34.9	1.0	0.3	0.0	10	18	-3	3			
MYS UELEN	6610N	16950W	7		1005.4	1006.4	-21.7	-3.9	1.2	-0.4	8	19	-17	2	13		
ZYRJANKA	6544N	15054E	43		1016.9	1023.2	-35.8	0.4	0.3	0.0	6	14	-5	2	4	45	
ANADYR'	6447N	17734E	62		998.4	1006.6	-21.3	-2.8	1.3	-0.4	9	119	77	5	49	30	
SEJMCAN	6255N	15225E	207		992.8	1023.7	-38.1	-0.5	0.3	0.0	13	27	-3	3			
KAMENSKOE	6229N	16613E	8		1005.0	1006.8	-23.5	-1.7	0.7	-0.7	9	37	-4	3	36	120	
KORF	6021N	16600E	3		1001.4	1001.9	-15.6	-2.4	1.5	-0.8	7	18	-24	2	67	120	
PERM	5801N	05618E	161		994.2	1017.4	-19.7	-3.2	1.2	-0.6	12	25	-13	2	26	110	
TOBOL'SK	5809N	06811E	44		1009.8	1016.4	-20.4	-1.0	1.2	0.0	11	40	19	5	52	135	

ASIA-USSR

## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	TOTAL	% OF AV.
<b>ASIA</b>															
USSR	0°	0°	0'	3	mb	mb	°C	°C	mb	mb	mb	mm	hr	%	%
SVERDLOVSK	5648N	06038E	237	980.8	1018.4	-18.7	-3.4	1.3	-0.4	15	66	43	6	42	80
OMSK	5456N	07324E	94	1004.0	1020.5	-17.3	1.3	1.5	0.1	10	34	18	5	67	80
KUSTANAJ	5313N	06337E	171	998.9	1019.8	-16.9	0.8	1.6	0.2	12	37	23	6	73	95
KOLPASEV	5818N	08254E	76	1011.3	1021.9	-23.7	-3.2	0.9	-0.3	13	26	5	4	43	30
ENISEJSK	5827N	09209E	78	1015.5	1026.7	-25.2	-3.3	1.0	-0.1	9	26	0	3	34	125
BOGUCANY	5825N	09724E	134	1009.4	1028.0	-25.5	-0.9	1.0	0.1	4	12	-3	3	22	10
KRASNOJARSK	5600N	09253E	194	990.1	1027.1	-17.8	-1.6	1.3	-0.1	5	23	7	5		
BARNNAUL	5320N	08342E	196	1002.2	1026.8	-13.8	2.4	1.8	0.2	7	30	6	4	52	90
MINUSINSK	5342N	09142E	251	996.6	1030.4	-16.3	3.3	1.4	0.1	5	12	4	5		
KIRENSK	5746N	10807E	258	994.7	1031.2	-29.4	-2.6	0.8	0.2	8	19	1	3	32	
BRATSK	5604N	10150E	326	973.5	1030.0	-21.4	0.1	1.1	0.0	5	13	-3	3	74	
KALAKAN	5507N	11645E	613	950.0	1038.2	-39.0	-4.1	0.2	-0.1	0	1	-2	2	290	
BOGDARIN	5428N	11335E	995	908.5	1037.5	-32.4	-4.2	0.4	-0.1	0	0	-1	0		
UST'-BARGUZIN	5326N	10859E	457	969.0	1030.2	-21.5	1.0	0.9	0.0	3	9	-3	3		
MOGOCA	5344N	11947E	619	944.7	1031.6	-32.2	-3.7	0.4	-0.1	0	T	-4	1	133	115
IRKUTSK	5216N	10421E	485	968.7	1031.1	-17.5	2.3	1.4	0.2	7	23	8	5	89	120
CITA	5201N	11320E	685	941.9	1032.4	-24.7	1.3	0.7	0.1	0	T	-2	2	146	120
ALDAN	5837N	12522E	682	935.2	1027.8	-29.2	-2.1	0.6	-0.2	10	34	13	5	51	70
AJAN	5627N	13809E	9	1014.4	1015.6	-21.0	-1.7	0.5	-0.3	2	7	-10	2	121	125
BOMNAK	5443N	12856E	357	975.8	1026.5	-33.3	-0.4	0.4	0.1	1	5	1	4	136	225
NIKOLAEVSK-NA-AMURE	5309N	14042E	47	1009.2	1016.7	-26.9	-2.9	0.6	-0.3	1	7	-19	2		
IM POLINY OSIPENKO	5225N	13630E	73	1009.0	1019.4	-31.3	-2.9	0.4	-0.1	1	1	-5	1	178	125
BLAGOVESCENSK	5016N	12730E	137	1006.5	1024.9	-24.7	-0.5	0.7	0.0	1	5	-1	3		
HABAROVSK	4831N	13510E	72	1007.0	1019.4	-21.3	0.2	0.8	-0.1	5	15	5	4	158	95
VLADIVOSTOK	4307N	13154E	138	997.9	1022.4	-14.8	-1.3	1.3	-0.2	5	20	5	4	152	80
JUZNO-SAHALINSK	4655N	14244E	31	1009.7	1012.8	-15.9	-2.1	1.6	-0.4	9	59	15	4	127	
SIMUSIR	4651N	15152E	26	999.8	1003.0	-4.9	-0.3	3.6	-0.2	18	81	-32	2	46	
ICA	5542N	15538E	4	1000.4	1001.3	-16.5	-3.8	1.4	-0.8	6	17	-19	2	76	160
PETROPAVLOVSK-KAMCHATSKIY	5258N	15845E	7	994.5	997.6	-8.9	-1.4	2.1	-0.5	7	24	-60	0		
NIKOL'SKOE (OSTROV BERINGA)	5512N	16559E	6	993.0	994.8	-4.7	-0.8	3.7	-0.3	6	50	-7	2	31	105
ORENBURG	5145N	05506E	109	1005.0	1020.8	-16.2	-1.8	1.7	-0.1	14	42	18	5	72	100
KARAGANDA	4948N	07308E	555	956.0	1027.3	-12.0	2.3	2.3	0.6	5	27	10	5	72	
GUR'EV	4701N	05151E	0	1024.4	1021.4	-9.2	0.0	10.9	8.3	6	12	2	4	91	
BALHAS	4654N	07500E	423	974.3	1030.2	-11.6	3.1	2.3	0.5	4	7	-3	2		
SAM	4525N	05612E	82	1010.5	1022.0	-5.9	4.3	3.5	1.0	4	5	-1	3	63	
SEMIPALATINSK	5021N	08015E	206	1003.0	1029.0	-11.5	4.5	2.2	-0.1	6	20	8	5	110	95
ALMA-ATA	4314N	07656E	847	924.4	1027.6	-1.8	4.6	4.1	1.2	10	56	27	6	118	90
CIMBAJ	4257N	05949E	66	1014.4	1022.7	-1.5	4.8	4.4	2.1	1	5	-11	2	116	
TAMDY	4144N	06437E	220	994.6	1024.3	1.8	7.2	4.9	1.7	2	6	-24	2	108	
TASKENT	4116N	06916E	428	965.4	1024.6	5.1	4.3	5.5	1.3	6	45	-6	3	118	100
KRASNODORSK	4002N	05259E	89	1008.8	1018.9	5.7	3.4	6.5	2.2	1	1	-12	1	110	35
CARDZOU	3905N	06336E	193	999.0	1022.9	5.3	5.6	5.3	0.7	2	9	-15	2	196	65
ASHABAD	3758N	05820E	228	992.8	1020.8	7.2	5.2	6.4	1.4	3	5	-20	1	135	45
<b>SAUDI ARABIA</b>															
ARAR	3054N	04108E	552	957.9	1022.1	10.0	5.0		0	0	0	0	0		
GURIAT	3125N	03716E	504	961.3	1021.0	10.2	5.5		0	0	0	0	0	240	
AL-JOUF	2947N	04006E	689	942.2	1022.9	14.3	5.2		0	0	0	0	0		
RAFHA	2938N	04329E	447	968.9	1021.9	11.0	6.8		0	0	0	0	0		
HAFR AL-BATIN	2820N	04607E	360	972.9	1021.9	12.6	4.9		0	0	0	0	0		
TABUK	2822N	03638E	776	931.8	1021.7	11.0	0.4	4.1	-2.2	0	0	-28	2	282	430
HAIL	2726N	04141E	1013	907.2	1552	10.6	0.9	5.1	-2.4	0	0	-34	0		
WEJH	2612N	03628E	21	1015.4	1017.9	19.2	0.9	11.5	0	0	0	-2	0	281	
GASSIM	2618N	04346E	650	945.4	1020.4	13.2	0.9	7.4	-0.3	3	121	99	6		
DHAHRAN	2616N	05009E	17	1018.5	1020.5	15.1	-1.1	12.2	-0.7	1	1	-17	1		
MADINAH	2433N	03942E	636	944.5	1017.9	18.0	0.2	6.5	-1.8	0	0	-8	0		
KING KHALED INT. AIRPORT	2456N	04643E	612	951.6	1022.6	13.3	4.8		1	1					
YENBO	2409N	03804E	6	1015.1	1015.8	20.0	14.3		0	0					
JEDDAH(KING ABDUL AZIZ INT.)	2140N	03909E	18	1013.7	1014.5	23.1	15.3								
TAIF	2129N	04033E	1454	858.8	1539	14.8	8.7		0	0				281	
SULAYEL	2028N	04537E	614	950.5		19.1	6.6		0	0					
BISHA	1959N	04237E	1163	888.8	1548	Y 19.0	7.6		1	8				275	
ABHA	1814N	04239E	2093	795.3	1526	Y 12.1	9.0		3	38					
KHAMIS MUSHAIT	1818N	04248E	2054	799.8	1539	Y 12.8	8.1		1	25				298	
SHARURAH	1728N	04707E	722	936.8	1018.9	26.6	7.3		0	0					

ASIA-SAUDI ARABIA

## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	
ASIA	0°	0°	0		mb	mb	°C	°C	mb	mb	mm	mm	mm	%
SAUDI ARABIA														
GIZAN	1654N	04235E	3	1013.9	1014.2	25.4	-	23.6	-	1	-7	-	-	-
KUWAIT														
KUWAIT INTERNATIONAL AIRPORT	2913N	04759E	55 31	1016.2	1023.1	12.8	0.1	7.1	-2.6	0	0	-25	124	
BAHRAIN														
BAHRAIN MUHARRAQ	2616N	05037E	2	1021.8	1022.0	17.1	-	14.4	-	0	0	1	-	-
UNITED ARAB EMIRATES														
ABU DHABI BATEEN AIRPORT	2426N	05428E	3	1020.1	1020.6	18.7	-	15.2	-	0	0	1	294	120
ABU DHABI INTER. AIRPORT	2426N	05439E	27 31	1017.4	1020.2	18.0	-0.2	13.7	-	0	0	-	-	110
OMAN														
SEEB, INTERNATIONAL AIRPORT	2335N	05817E	15	1017.8	1019.4	21.4	-	15.3	-	0	0	-	-	-
SUR	2235N	05931E	5	1017.6	1018.3	22.0	-	17.9	-	1	13	-	-	-
MASIRAH	2040N	05854E	19	1016.6	1018.8	21.8	-	17.4	-	0	7	2	-	-
THUMRAIT	1740N	05402E	467	968.4	-	18.5	-	10.5	-	0	0	-	-	-
SALALAH	1702N	05405E	22	1015.0	1017.7	23.2	-	12.8	-	0	0	3	-	-
PAKISTAN														
PESHAWAR	3401N	07135E	360	977.4	1019.5	13.0	2.1	7.8	0.0	0	0	-28	1	
PARACHINAR	3352N	07005E	1726	830.3	1535	Y	6.5	2.0	4.8	0.7	1	2	-69	1
JHELUM	3256N	07343E	234	991.1	1018.7	13.6	1.2	11.3	2.4	3	6	-25	0	
ZHOB	3121N	06928E	1407	862.5	1521	Y	7.3	1.0	5.1	0.8	2	10	-9	2
DERA ISMAIL KHAN	3149N	07055E	173	997.5	1018.5	14.1	2.0	8.6	0.0	0	0	-13	1	
LAHORE CITY	3133N	07420E	215	993.0	1018.5	14.3	1.9	10.5	1.6	3	30	4	4	
QUETTA AIRPORT	3015N	06653E	1589	843.1	1524	Y	6.0	2.7	4.3	-0.7	1	18	-25	2
MULTAN	3012N	07126E	123	1004.6	1018.9	14.1	1.1	9.6	1.2	1	1	-6	2	
DAL BANDI	2853N	06424E	850	-	1527	Y	10.9	1.8	4.9	-0.4	1	1	-21	1
JACOBABAD	2818N	06828E	56	1011.6	1018.2	15.5	0.5	9.1	1.3	0	0	-6	0	
PANJGUR	2658N	06406E	981	907.8	1539	Y	11.5	1.5	7.2	0.5	0	0	-20	1
JIWANI	2504N	06148E	57	1011.7	1017.9	19.7	-	12.0	-0.7	0	0	-20	1	
HYDERABAD	2523N	06825E	30	1014.2	1017.9	18.9	1.3	10.8	1.3	0	0	-3	3	
CHHOR	2531N	06947E	6	1015.7	1016.7	-	-	7.7	-0.8	0	0	-2	3	
KARACHI AIRPORT	2454N	06708E	22	1015.2	1018.0	17.9	0.1	9.1	-1.1	0	0	-8	2	
BANGLADESH														
INDIA														
SRINAGAR	3405N	07450E	1587	-	1587	Y	10.0	8.7	5.1	-0.5	2	123	61	5
AMRITSAR	3138N	07452E	234	991.3	1019.3	11.8	0.2	10.7	1.4	4	32	4	4	196
MUKTESWAR KUMAON	2928N	07939E	2311	-	3132	Z	7.3	1.2	5.3	0.5	1	30	-26	2
BIKANER	2800N	07318E	224	-	1018.7	15.7	1.2	8.5	0.3	2	49	43	6	
NEW DELHI/SAFDARJUNG	2835N	07712E	216	992.8	1018.5	14.8	0.6	11.2	1.9	1	30	10	4	188
AGRA	2710N	07802E	169	998.2	1018.1	15.7	1.0	11.4	0.8	2	23	8	4	82
DIBRUGARH/MOHANBARI	2729N	09501E	111	1005.0	1018.0	16.4	0.3	14.1	0.1	1	3	-30	1	
JODHPUR	2618N	07301E	224	991.8	1017.1	18.1	1.0	8.1	0.7	1	7	5	5	
DARBHANGA	2610N	08554E	49	1010.6	1017.8	-	-	14.7	0.3	0	0	-19	2	
GAUHATI	2606N	09135E	54	1010.9	1017.3	17.7	0.6	15.5	0.2	1	13	0	4	
KOTA AERODROME	2509N	07551E	274	-	1017.7	17.4	-	9.6	-	4	178	5		
ALLAHABAD/BAMHRAULI	2527N	08144E	98	1006.5	1018.1	15.5	-0.6	13.7	1.8	2	21	2	3	
CHERRAPUNJI	2515N	09144E	1313	872.9	1534	Y	12.2	0.8	9.0	-1.1	-	-	-	
DALTONGANJ	2403N	08404E	221	991.3	1018.1	16.7	0.2	13.2	1.4	0	1	-25	1	
DUMKA	2416N	08715E	149	999.9	1017.2	18.7	0.8	13.2	-0.2	1	1	-17	2	
AHMADABAD	2304N	07238E	55	1009.3	1015.7	17.2	-2.8	10.9	0.4	0	0	-3	4	305
SAGAR	2351N	07845E	551	954.1	1016.9	17.3	-0.5	9.7	-0.6	5	28	9	4	101
DWARKA	2222N	06905E	11	1015.1	1016.5	20.9	0.1	15.5	0.1	0	0	-2	3	
INDORE	2243N	07548E	567	951.9	1016.1	18.3	0.4	7.8	-1.4	3	6	-3	3	
CALCUTTA/ALIPORE	2232N	08820E	6	1016.5	1017.2	19.8	-0.4	15.1	0.3	0	0	-17	2	249
NAGPUR SONEGAON	2106N	07903E	310	980.9	1016.5	20.5	0.0	14.7	2.5	3	8	-2	4	225
VERVAL	2054N	07022E	8	1013.6	1014.5	21.9	0.5	15.1	0.8	0	0	-1	5	78
AKOLA	2042N	07702E	282	983.1	1015.1	23.1	1.4	14.6	3.9	2	13	6	4	
BHUBANESWAR	2015N	08550E	46	1011.8	1017.1	21.6	-	16.2	-	1	5	-	-	
JAGDALPUR	1905N	08202E	553	953.9	1016.1	19.7	-0.5	14.0	0.9	1	3	-3	4	
BOMBAY/COLABA	1854N	07249E	11	1012.5	1013.3	26.3	1.9	21.5	2.4	0	0	-1	4	272
														93

ASIA-INDIA

ASIA-INDIA

## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE	QUINTILE
ASIA	0°	0°	n											
INDIA														
POONA	1832N	07351E	559		951.5	1014.1	21.6	0.8	14.5	2.7	1	5	5	290
HYDERABAD AIRPORT	1727N	07828E	545		954.0	1014.9	22.7	1.1	15.5	1.7	1	8	5	277
VISHAKHAPATNAM	1743N	08314E	3		1015.5	1015.9	24.1	0.6	19.6	-1.3	2	13	2	90
MACHILIPATNAM (FRANCHPET)	1612N	08109E	3		1014.9	1015.3	24.5	1.0	23.0	0.7	0	0	-2	4
GOA/PANJIM	1529N	07349E	60		1006.2	1012.9	26.7	1.1	21.5	1.2	0	0	0	5
BELGAUM/SAMBRA	1551N	07437E	747		930.7	1013.0	22.3		12.7		0	0		
MADRAS/MINAMBAKKAM	1300N	08011E	16		1013.0	1014.8	25.3	0.8	22.1	-0.1	2	4	-17	3
BANGALORE	1258N	07735E	921		912.7	1533	21.3	0.2	14.4	0.7	0	0	-3	4
PORT BLAIR	1140N	09243E	79			1013.5	25.3	-0.9	26.3	0.8	4	55	1	3
PAMBAN	0916N	07918E	11		1012.1	1013.5	26.9	1.0	26.3	0.2	3	9	-26	2
SRI LANKA														
COLOMBO	0654N	07952E	7		1011.3	1012.1	28.4	2.0	29.8	4.4	8	98	23	4
HAMBANTOTA	0607N	08108E	20		1009.9	1011.6	26.9	0.8	27.3	1.7	4	492	406	6
MONGOLIA														
ULAN-GOM	4948N	09205E	936				-31.0		0.4					
ULGI	4858N	08958E	1714		828.0	1032.9	-13.0		1.9					
MUREN	4938N	10010E	1288		850.6	1034.1	-17.5		1.5					
BULGAN	4848N	10333E	1210		879.1	1023.4	-19.2		0.9					
CHOIBALSAN	4804N	11430E	756		933.2	1032.0	-22.1							
ULIASTAI	4745N	09651E	1753		823.4	1038.0	-19.5		6.8					
ALTAI	4624N	09615E	2147		780.4	1028.6	-14.0		1.6					
ARBAIHER	4616N	10247E	1813		812.2	1022.1	-8.9		1.2					
ULAN-BATOR	4756N	10659E	1338		869.6	1035.2	-20.3		11.1					
MANDALGOVI	4546N	10617E	1398		850.6	1034.1	-17.5		1.5					
SAINSHAND	4454N	11007E	936		912.5	1033.4	-19.9		1.2					
DALANZADGAD	4335N	10425E	1470		853.8	1031.1	-11.7		1.5					
HONG KONG														
ROYAL OBSERVATORY	2218N	11410E	62		1014.6	1022.1	17.3	1.7	14.2	0.8	1	13	-14	2
MACAU														
MACAO	2212N	11332E	59		1014.8	1021.8	16.9	2.1	13.4	0.5	1	3	-27	1
DPR KOREA														
KIMCHAEK	4040N	12912E	23		1018.6	1021.6	-4.7		3.2					
REPUBLIC OF KOREA														
KANGNUNG	3745N	12854E	27		1018.8	1022.2	0.7	0.9	3.2	-0.4	2	210	153	6
INCHON	3729N	12638E	70		1016.2	1025.2	-2.8	0.7	3.0	-0.7	6	44	26	5
PUSAN	3506N	12902E	71		1013.8	1022.4	2.9	0.2	3.8	-0.6	6	48	14	4
MOKP'DO	3447N	12623E	56		1018.6	1025.8	1.9	0.6	4.9	-0.4	6	55	19	5
JAPAN														
WAKKANAI	4525N	14141E	11		1010.4	1011.8	-6.4	-0.7	2.8	-0.3	23	95	-13	2
ASAHIKAWA	4346N	14222E	116	31	997.5	1012.4	-8.3	0.2	2.8	0.0	22	104	24	5
ABASHIRI	4401N	14417E	43	31	1005.9	1011.5	-7.7	-1.1	2.7	-0.2	14	75	7	136
SAPPORO	4303N	14120E	19		1010.1	1012.5	-4.9	0.0	3.2	-0.1	21	119	5	4
NEMURO	4320N	14535E	26		1007.2	1010.6	-5.1	-0.4	3.3	-0.1	14	54	2	4
URAKAWA	4210N	14247E	33	31	1008.1	1012.3	-3.5	-0.4	3.2	-0.2	10	36	-14	2
AKITA	3943N	14006E	10		1015.7	1017.0	-0.5	0.0	4.2	-0.3	21	111	-24	2
MIYAKO	3939N	14158E	47		1008.7	1014.6	-0.5	-0.5	3.5	-0.3	4	46	-24	2
SENDAI	3816N	14054E	43		1011.0	1016.5	1.0	0.1	4.2	-0.2	6	23	-25	1
WAJIMA	3723N	13654E	6		1017.6	1019.3	3.0	0.3	5.7	-0.1	25	203	-56	2
NIIGATA	3755N	13903E	6	31	1017.9	1018.7	2.3	0.3	5.3	-0.1	21	140	-52	1
KANAZAWA	3633N	13639E	28	31	1016.7	1020.1	3.7	0.8	6.0	0.0	25	304	-5	3
MATSUMOTO	3615N	13758E	611		944.2	1018.5	0.2	1.2	4.1	0.2	8	34	-2	3
MAEBASHI	3624N	13904E	113	31	1003.0	1017.0	3.3	0.5	4.1	-0.1	6	16	-9	2
NAGOYA	3510N	13658E	56	31	1012.8	1019.8	4.5	0.9	5.4	0.0	6	56	6	4
CHOSHI	3543N	14051E	28	31	1012.7	1016.1	6.6	0.8	6.3	0.5	9	62	-28	2
OMAEZAKI	3436N	13813E	47	31	1011.3	1017.0	7.1	1.0	6.1	0.1	11	186	107	6
TOKYO	3541N	13946E	36		1012.2	1016.7	5.8	1.1	4.8	0.3	7	38	-16	3
HACHIJOGIMA	3306N	13947E	80		1007.2	1016.9	11.4	1.1	8.7	0.2	13	171	-35	3
YONAGO	3526N	13321E	8		1020.0	1021.0	5.1	1.2	6.1	0.0	18	137	-23	2

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE				
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	MM	TOTAL	% OF AV.		
ASIA	0°	0°	m	mb	mb	°C	°C	mb	mb	days	mm	mm	hr	%		
JAPAN																
HIROSHIMA	3422N	13226E	30	31	1018.0	1021.8	5.4	1.1	6.1	0.3	8	47	-6	3	173	119
OSAKA	3441N	13531E	50	31	1014.5	1020.7	6.2	1.2	5.9	0.3	8	50	-1	3	165	110
SHIONOMISAKI	3327N	13546E	75		1010.1	1019.3	8.6	1.1	6.5	0.2	7	85	-25	2		
IZUHARA	3412N	12918E	22	31	1020.1	1022.9	5.8	0.9	6.1	0.3	6	125	52	5	197	130
FUKUOKA	3335N	13023E	14		1021.1	1022.9	7.3	1.6	6.9	0.6	8	52	-29	2		
OITA	3314N	13137E	13	31	1020.6	1022.2	7.1	1.6	6.3	0.2	4	16	-33	2	214	135
NAGASAKI	3244N	12952E	35	31	1018.8	1023.1	7.6	1.2	7.0	0.2	7	65	-16	2	143	126
KAGOSHIMA	3134N	13033E	5		1022.0	1022.6	8.3	1.3	7.6	0.0	8	90	-5	3		
MIYAZAKI	3155N	13125E	7	31	1020.8	1021.1	8.0	1.2	7.1	0.1	6	23	-48	2		108
KOCHI	3333N	13332E	18	31	1018.6	1020.8	6.1	0.5	5.8	-0.2	6	49	-18	3	215	111
SHIMIZU/ASHIZURI	3243N	13301E	33		1017.0	1021.0	9.2	1.0	6.9	0.1	7	55	-36	2		
NAZE	2823N	12930E	7		1021.6	1022.5	14.2	0.0	11.1	-0.4	15	176	-10	3		
ISHIGAKIJIMA	2420N	12410E	7		1021.4	1022.2	18.3	0.6	14.1	-1.5	6	139	8	3		
MIYAKOJIMA	2447N	12517E	41	31	1017.5	1022.3	17.5	0.3	14.0	-1.1	6	157	14	3	144	159
NAHA	2614N	12741E	36		1018.2	1022.5	16.1	0.1	12.1	-1.2	11	157	38	4		
MINAMIDAITOJIMA	2550N	13114E	15		1019.5	1021.3	16.7	-0.5	13.1	-1.1	6	109	8	4		
THAILAND																
UDON THANI	1723N	10248E	182		994.9	1015.7	23.4	1.0	17.6	-0.8	0	0	-8	0		
PHITSANULOK	1647N	10016E	45		1009.4	1014.5	25.4	0.8	19.5	-1.6	0	0	-9	2	263	
NAKHON SAWAN	1548N	10010E	35		1010.3	1014.4	26.3	1.3	18.7	-1.4	0	0	-13	3	275	
NAKHON RATCHASIMA	1458N	10205E	188		993.9	1015.0	24.3	0.7	17.8	-2.2	0	0	-4	3		
BANGKOK	1344N	10034E	20		1011.7	1013.9	26.9	0.7	22.5	-4.2	0	0	-10	0	269	95
ARANYAPRATHET	1342N	10235E	49		1009.1	1014.4	26.1	1.0	19.8	-2.1	0	0	-13	0		
CHANTHABURI	1236N	10207E	4		1013.3	1013.6	26.8	1.0	22.0	-2.9	0	0	-15	0		
PRACHUAP KHIRIKHAN	1150N	09950E	5		1012.8	1013.5	25.2	0.7	22.9	-1.8	0	0	-52	1	270	
CHUMPHON	1029N	09911E	5		1012.7	1013.4	26.2	1.2	27.4	1.3	3	18	-102	2	243	
SONGKHLA	0712N	10036E	5		1011.3	1012.0	27.2	0.5	26.3	-0.6	5	20	-97	1	255	
CHINA																
HAILAR	4913N	11945E	611		951.3	1031.2	-25.3	1.9	0.7		3	5	2	5	150	80
QIQIHAAR	4723N	12355E	148		1006.0	1026.2	-19.3	0.5	1.0		2	6	4	5	176	90
ALTAY	4744N	08805E	737		942.5	1037.4	-13.6	3.4	1.8		6	31	18	5	150	90
URUMQI	4347N	08737E	919		920.1	1036.3	-11.4	2.7	2.1		5	11	4	4	130	85
KASHI	3928N	07559E	1291		878.8	1033.1	-3.6	3.0	3.2		1	2	0	4	188	120
RUOQIANG	3902N	08810E	889		924.9	1035.3	-5.8	2.9	1.7		0	0	-2	0	218	110
HOTAN	3708N	07956E	1375		869.2	1032.2	-3.0	2.6	2.4		1	2	1	4	194	115
HAMI	4249N	09331E	739		943.0	1038.3	-12.7	-1.2	1.7		1	4	2	5	205	95
JIUQUAN	3946N	09829E	1478		858.1	1034.1	-5.9	3.8	1.6		0	T	-2	2	223	100
DULAN	3618N	09806E	3192		691.4		-8.3	2.3	0.8		0	T	-20	1	253	110
LANZHOU	3603N	10353E	1518		853.9		-3.6	3.3	2.1		0	0	-2	0	122	65
ERENHOT	4339N	11200E	966		910.5	1036.1	-20.2	-1.8	1.0		2	3	2	5	210	100
YINCHUAN	3829N	10613E	1112		896.8	1032.1	-5.3	3.7	2.1		0	T	-1	3	197	85
TAIYUAN	3747N	11233E	779		933.5	1030.1	-4.0	2.4	2.3		1	2	-1	4	184	100
YANJI	4253N	12928E	178		1001.7	1025.6	-15.6	-1.1	1.3		6	12	8	5	137	80
SHENYANG	4146N	12326E	43		1022.2	1028.0	-10.8	1.4	1.9		5	13	5	4	141	85
BEIJING	3956N	11617E	55		1021.3	1028.4	-3.6	1.2	2.3		2	4	2	4	174	85
QINGDAO	3604N	12020E	77		1018.3	1028.2	-0.2	1.8	4.4		5	29	20	5	163	85
QAMDO	3109N	09710E	3307		682.8		-2.1	0.6	1.7		0	1	0	4	217	115
CHENGDU	3040N	10401E	508		964.9	1026.2	7.1	1.6	8.1		1	8	2	4	105	145
XICHANG	2754N	10216E	1599		840.6		10.5	1.0	6.3		1	2	-3	3	265	115
TENGCHONG	2507N	09829E	1649		838.1		8.9	1.3	7.2		4	19	2	3	273	110
KUNMING	2501N	10241E	1892		813.6		8.5	0.8	7.5		5	30	18	5	204	85
MENGZI	2323N	10323E	1302		873.5	1018.7	12.9	1.0	10.7		4	16	5	5	271	95
XI'AN	3418N	10856E	398		980.0	1029.7	1.1	1.7	4.0		0	T	-12	2	103	75
ZHENGZHOU	3443N	11339E	111		1013.7	1027.7	1.2	0.7	3.9		1	8	1	4	145	85
YICHANG	3042N	11118E	134		1011.1	1027.8	6.5	1.8	7.6		4	35	18	5	41	40
ZHIJIANG	2727N	10941E	273		992.9	1026.4	7.0	2.2	8.0		10	57	22	5	65	115
GANZHOU	2551N	11457E	125		1009.6	1024.8	11.6	3.8	9.1		2	10	-55	2	135	120
SHANGHAI	3110N	12126E	7		1026.6	1027.4	5.1	1.4	6.6		7	33	-12	3	402	
NANCHANG	2836N	11555E	50		1020.6	1026.3	7.3	2.4	7.7		8	60	5	3	106	95
GUANGZHOU	2308N	11319E	8		1021.8	1022.7	15.9	2.9	11.8		0	T	-39	1	144	105
NANNING	2249N	10821E	73		1012.9	1021.6	15.9	3.2	13.8		2	6	-32	1	77	85

ASIA-MADEIRA

## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE				
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE			
AFRICA	0°	0°	3		mb	mb	°C	°C	mb	mb	mm	mm	mm	hr			
MADEIRA																	
FUNCHAL	3238N	01654W	56	31	1009.6	1016.2	17.4	1.6	14.3	1.4	11	221	137	5	85		
CAPE VERDE																	
SAL	1644N	02257W	55		1009.9	1016.5	20.6	-0.8	17.8	0.0							
MOROCCO																	
MEKNES	3353N	00532W	549		954.8	1019.5	10.6	0.4	10.0	0.4	11	115	15	4	138	82	
CASABLANCA	3334N	00740W	62		1012.0	1018.8	13.5	0.8	12.9	0.3	7	70	-4	3	182	107	
MARRAKECH	3137N	00802W	466		964.2	1019.1	13.3	1.8	9.3	-0.3	4	23	-6	3	198	90	
AGADIR	3023N	00934W	23		1016.7	1019.5	15.7	1.4	11.5	-1.0	6	55	4	4	181	75	
OUARZAZATE	3056N	00654W	1140		891.3	1531	Y	10.4	5.0	-1.3	2	12	-4	4	248	112	
ALGERIA																	
JIJEL	3650N	00547E	2		1016.2	1016.9	12.0		9.4			14	161	144	45		
SKIKDA	3656N	00657E	7		1016.9	1017.1	12.3	1.0	10.2	-0.2	12	140	34	4	134	94	
ANNABA	3650N	00749E	4		1016.0	1016.5	10.9	-0.1	9.7	-1.0	14	124	28	4	138	117	
EL-KALA	3654N	00827E	10		1015.8	1017.2	12.1		9.5		12	131					
DAR-EL-BEIDA	3643N	00315E	25		1014.2	1017.2	10.3	-0.5	9.4	-1.1	9	92	-6	2	150	103	
BEJAIA	3643N	00504E	2		1016.9	1017.3	10.7		8.9		11	73			148		
CONSTANTINE	3617N	00637E	694		936.7	1018.7	6.1	-1.1	6.8	-1.2	7	49	-26	2	154	113	
CHLEF	3613N	00120E	143		1001.7	1019.2	19.1		8.9		8	35			173		
MILIANA	3618N	00214E	715		934.3	1018.7	8.0	0.3	7.1		10	145	-35	3	162	55	
BORDJ BOU ARRERIDJ	3604N	00446E	928		911.3	1490	Y	4.6		6.1		8	.25			168	
SETIF	3611N	00525E	1081		899.4	1496	Y	4.0		6.1		7	22			164	50
MOSTAGANEM	3553N	00007E	137		1004.7	1017.5	10.0		8.8		4	35					
M'SILA	3540N	00430E	441		965.0	1017.9	6.5		6.6		6	31			170	55	
ORAN/ES SENIA	3538N	00036W	90		1007.2	1018.2	10.2	-0.7	9.3	-1.4	7	52	-7	3	180	112	
MASCARA GRISS	3516N	00009E	511		958.6	1019.4	8.5		7.7		8	58					
TIARET	3515N	00126E	1127		905.8	1492	Y	5.2		6.0		8	116				
BENI-SAF	3518N	00121W	68		1008.2	1016.5	12.7		10.7		4	36			165	55	
MAGHNIA	3449N	00147W	426		968.9	1019.9	9.0		7.8		7	35			175	55	
BISKRA	3448N	00544E	87		1008.7	1019.4	10.0	-1.1	6.8	-2.0	4	13	-1	3	204	90	
TLEMCEN (ZENATA)	3501N	00128W	247		988.5	1018.5	10.2		8.4		7	31			160	50	
DJELFA	3441N	00315E	1144		888.7	1506	Y	4.1		5.7		10	585	545	6	154	50
EL KHEITER	3409N	00004E	1000		903.4	1494	Y	5.3		5.6		1	13			162	50
LAGHOUAT	3346N	00256E	765		932.4		7.3	-0.6	5.9		1	9	-8	3			
MECHERIA	3456N	0026W	1149		889.4	1519	Y	6.5		4.9		3	19			162	50
ELBAYAOH	3340N	00100E	1341		866.9	1507	Y	4.3		4.9		6	18			120	55
TOUGOURT	3307N	00608E	85		1009.1	1019.9	9.7		7.3		2	9			235	75	
EL OUED	3330N	00607E	63		1011.9	1019.6	9.7		6.8		1	11			221	70	
AIN SEFRA	3246N	00036W	1058		896.2	1490	Y	7.6		5.0		1	1			204	65
GHARDAIA	3223N	00349E	450		965.4	1021.0	10.6		5.0		2	3			233	75	
BECHAR	3137N	00214W	773		926.3	1514	Y	9.8	-0.2	4.5	-3.6	1	2	-8	3	170	69
HASSI-MESSAOUD	3140N	00609E	142		1002.6	1020.1	10.6		6.0		0	0					
EL GOLEA	3034N	00252E	397		973.7	1021.3	9.6	-0.1	5.9	-2.0	0	0	-8	0	255	98	
TIMIMOUN	2915N	00017E	312		982.9	1020.4	11.3		4.5		0	0	-3	0			
IN AMENAS	2803N	00938E	562		954.6	1020.8	10.4	0.4	3.5	-1.8					293	118	
ADRAR	2753N	00017W	263		987.4	1021.0	12.5	0.1	5.0		0	0	-3	3			
DJANET	2433N	00928E	1054		900.3	1533	Y	12.7	-0.6	3.9	0	0	-1	4	287	100	
TAMANRASSET	2247N	00531E	1378		870.0	1544	Y	13.0	0.1	3.0	-1.0	0	0	-1	0	303	117
TUNISIA																	
TUNIS CARTHAGE	3650N	01014E	4		1015.4	1015.9	10.7	-0.4	10.0	-0.5	10	73	10	4	143	90	
NIGER																	
AGADEZ	1658N	00759E	502		985.2	1015.3	20.7	0.5	4.2	-0.6	0	0	0	0	314	105	
TILLABERY	1412N	00127E	210		989.5	1013.3	25.4	0.4	7.5	0.9	0	0	-T	0	278	95	
N'GUIGMI	1415N	01307E	286		981.5	1014.4	20.8	-0.4	5.6	-0.3	0	0	0	5	318	110	
NIAMEY-AERO	1329N	00210E	227		987.0	1012.6	25.0	0.5	7.2	0.4	0	0	0	0	282	100	
BIRNI-N'KONNI	1348N	00515E	273		982.0	1012.7	24.3	0.3	7.2	1.5	0	0	0	0	298	100	
MARADI	1328N	00705E	373		971.1	1013.3	22.2	0.3	7.6	2.2	0	0	-T	0	289	100	
ZINDER	1347N	00859E	453		963.0	1014.2	22.2	-0.1	5.0	0.0	0	0	0	0	305	110	
MAGARIA	1259N	00856E	403		969.5	1015.6	20.0		6.1		0	0	0	5	282		
MAINE-SOROA	1314N	01159E	337		975.4	1013.8	21.6	-0.1	4.4	-1.6	0	0	-T	0	307	105	
GAYA	1153N	00327E	203		986.7	1009.5	26.8	1.1	7.1	-1.2	0	0	0	5	270	95	

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	
AFRICA	0°	0°	m	m	mb	mb	°C	°C	mb	mb	m	m	m	hr	%
MALI															
KIDAL	1826N	00121E	459	973.7	1001.6	20.4	-0.4	3.8	-2.9	0	0	0	0	304	60
TOMBOUCTOU	1643N	00300W	264	984.6	1014.7	21.4	-0.4	6.8	0.2	0	0	0	0	277	100
NARA	1510N	00717W	265	983.6	1013.6	24.2		5.2		0	0	0	0	5	289
HOMBORI	1520N	00141W	288	981.3	1013.6	25.5	0.9	6.6	-0.3	0	0	0	-T	0	291
KAYES	1426N	01126W	47	1008.1	1013.5	25.2	0.0	7.0	-1.9	0	0	0	0	5	258
MOPTI	1431N	00406W	272	982.9	1013.6	25.1	1.9	7.2	-0.1	0	0	0	-1	0	308
KITA	1304N	00928W	334	975.0	1012.2	26.6	0.7	10.9	2.3	0	0	0	-T	0	289
SEGOU	1324N	00609W	289	980.1	1012.4	25.5	1.6	9.6	0.6	0	0	0	0	0	273
SAN	1320N	00450W	284	981.0	1012.8	25.6	1.7	7.7	-1.2	0	0	0	-1	5	274
BAMAKO/SENU	1232N	00757W	381	969.5	1011.9	26.8	1.7	6.8	-1.7	0	0	0	0	0	275
KOUTIALA	1223N	00528W	367	970.7	1011.7	24.7	1.5	9.0	0.3	0	0	0	-1	0	289
BOUGOUNI	1125N	00730W	351	972.3	1011.2	29.9	4.9	8.4	-0.9	0	0	0	0	0	255
MAURITANIA															
NOUADHIBOU	2056N	01702W	3	1017.3	1017.8	17.3	-1.2	14.9	1.5	0	T	-1	4	277	
AKJOUJT	1945N	01422W	120	995.9	1016.9	23.3	1.6	7.2	-1.5	0	0	-2	0	309	
NOUAKCHOTT	1806N	01557W	3	1015.0	1015.4	20.4	-0.9	11.2	1.1	0	0	-1	0	276	
TIDJIKJA	1834N	01126W	402	970.7	1016.4	21.4	1.2	5.8	-1.6	0	0	-2	0	275	
BOUTILIMIT	1732N	01441W	75	1007.0	1015.7	22.9	0.0	6.8	-5.0	0	0	-2	0	260	
ROSSO	1630N	01549W	6	1014.8	1015.5	22.4	-0.5	11.0	2.4	0	0	-1	0		
NEMA	1636N	00716W	269			25.4	0.9	5.7	0.1	0	0	-2	0	257	
KIFFA	1638N	01124W	115	1000.8	1014.1	23.3	-0.2	5.6	-2.0	0	0	0	0	0	246
SENEGAL															
SAINT-Louis	1603N	01627W	4	1013.9	1014.4	21.1	-1.0	14.4	2.1	0	0	-2	0		
PODOR	1639N	01458W	7	1014.1	1015.0	23.4	0.3	8.3	0.0	0	0	-1	0	278	
LINGUERE	1523N	01507W	21	1011.1	1013.5	24.9	0.5	8.3	-0.1	0	0	-1	0	277	
MATAM	1539N	01315W	17	1011.9	1013.8	25.0	1.2	9.0	-0.4	0	0	0	4	256	
DAKAR/YOFF	1444N	01730W	24	1010.9	1014.2	20.1	-1.0	17.8	-0.1	0	0	-2	0	248	
DIOURBEL	1439N	01614W	9	1012.2	1013.3	24.1	0.2	10.6	0.2	0	0	-2	0	265	
TAMBACOUNDA	1346N	01341W	50	1006.9	1012.6	26.0	0.7	8.5	0.3	0	0	-T	0	292	
ZIGUINCHOR	1233N	01616W	23	1010.2	1012.8	23.5	-0.3	17.5	0.3	0	0	0	0	0	254
KOLDA	1253N	01458W	10			22.5	-1.1	13.7	1.3	0	0	0	5	211	
KEDOUGOU	1234N	01213W	167	992.3	1011.0	27.3	0.8	7.8	-3.1	0	0	-T	0	272	
GAMBIA															
BANJUL/YUNDUM	1321N	01648W	36	1009.3	1012.9	23.8	0.3	14.3	1.5						
SIERRA LEONE															
LUNGI	0837N	01312W	27	1006.3	1009.2	26.0	-0.6	27.9	0.5	0	0	-9	0	89	
NJALA	0806N	01206W	56	1002.4	1008.6	26.6	-0.5	25.7	-0.2	1	8	-3		64	
BO	0757N	01146W	93	1001.2	1012.1	25.8	-0.6	21.5	-3.9	1	9	4	4	57	
DARU	0759N	01051W	186	989.6	1010.9	26.3	0.8	24.4	-0.2	2	33	13	5	114	
UNITED KINGDOM (OCEAN IS.)															
ST. HELENA IS.	1556S	00540W	436	966.8	1017.1	20.4	2.0	19.4		7	23	-29	1	168	
FRANCE (OCEAN ISLANDS)															
ILES GLORIEUSES	1135S	04717E	4	1012.4	1012.9	28.0	0.6	30.4	2.2	13	180	-63	2	245	
ILE JUAN DE NOVA	1703S	04242E	10	1008.8	1010.0	27.7	-0.1	29.7	-0.6	12	505	257	4	199	
ILE EUROPA	2219S	04020E	13	1009.5	1011.0	27.4	0.1	28.0	-0.1	10	92	-38	3	287	
SERGE-FROLLOW (ILE TROMELIN)	1553S	05431E	13	1008.8	1010.2	28.2	0.7	32.0	2.7	5	116	-88	2	284	
SAINTE-DENIS/GILLOT (REUNION)	2053S	05531E	25	1008.6	1011.5	26.1	0.0	26.9	1.6	19	814	518	5	204	
MAURITIUS															
AGALEGA	1026S	05545E	3	1010.9	1011.2	27.3	0.1	30.1	-0.3	20	389	124	5		
ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4	1010.5	1010.8	27.9	0.3	30.0	0.4	15	99	-74	2		
RODRIGUES	1941S	06325E	59	1006.0	1012.3	26.5	0.1	28.8	1.8	17	108	-25	3	219	
PLAISANCE (MAURITIUS)	2026S	05740E	57	1005.1	1011.4	26.4	0.5	27.8	0.2	19	415	166	5	248	
LIBYAN ARAB JAMAHIRIYA															
TRIPOLI INT. AIRPORT	3240N	01309E	81	1009.0	1018.7	11.9	-0.3	8.2	-1.5	2	13	-39	1	204	
BENINA	3205N	02016E	132	1003.3	1019.1	12.9	0.4	9.1	-1.6	7	24	-40	1	203	
SEBHA	2701N	01426E	432	969.9	1021.5	11.3	0.0	5.6	-1.1	0	0	-2	4	292	
KUFRA	2413N	02318E	435	973.3	1021.5	13.2	0.3	4.7	-1.1	0	0	-1	5	304	

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE %
<b>AFRICA</b>														
EGYPT														
MERSA MATRUH	3120N	02713E	30	1016.3	1019.8	13.5	0.6	10.9	0.7	5	11	-18	2	210 105
CAIRO	3008N	03124E	74	1011.6	1020.7	15.0	1.2	11.6	2.7	0	T	-4	2	
HELWAN	2952N	03120E	141	1003.6	1020.8	13.8	0.6	10.8	2.4	2	6	1	4	238 100
ASSWAN	2358N	03247E	194	995.5	1018.7	15.9	-0.1	10.4	4.0	0	0	0	0	287
DAKHLA	2529N	02900E	111	1007.9	1021.3	14.3	2.1	6.6	0.5	0	0	0	5	
SUDAN														
WADI HALFA	2149N	03129E	183	995.9	1017.7	17.6	2.1	3.0		0	0	-T	0	321 105
ABU HAMED	1932N	03319E	312	977.7	1014.6	20.3	0.7	7.6	0.2	0	0	-T	0	309 100
PORT SUDAN	1935N	03713E	2	1015.4	1015.7	23.1	0.1	19.9	-0.2	0	T	-6	3	109 60
DONGOLA	1910N	03029E	226	989.2	1015.9	17.9	1.4	7.2	0.2	0	0	0	0	314 100
KARIMA	1833N	03151E	249	985.1	1015.4	20.4	1.4	6.7	-0.1	0	0	-T	0	286 90
ATBARA	1742N	03358E	345	973.8	1012.9	22.9	1.5	10.6	1.5	0	0	-T	0	307 95
KHARTOUM	1536N	03233E	380	967.8	1012.1	23.5	1.1	7.5	-0.3	0	0	-T	0	
KASSALA	1528N	03624E	500	955.1	1011.1	23.9	-0.1	13.5	-0.2	0	0	0	0	312 105
WAD MEDANI	1424N	03329E	408	965.1	1011.2	22.0	-0.3	9.3	0.2	0	0	-T	0	
GEDAREF	1402N	03524E	599	942.9	1009.6	24.5	-0.4	11.5	0.4	0	0	-T	0	
SENNAR	1333N	03337E	418	963.1	1010.7	18.4		9.4		0	0	5	105	
EL OBEID	1310N	03014E	574	948.1	1013.1	20.9	0.3	5.7	0.5	0	0	-T	0	322 100
KOSTI	1310N	03240E	381	968.1	1011.5	22.0	-1.0	10.3	-1.5	0	0	-T	0	319 105
ABU NA'AMA	1244N	03408E	445	959.5	1009.3	25.6	1.5	10.9		0	0	0	5	
DAMAZINE	1147N	03423E	470	955.4	1009.5	27.1	1.7	9.2	-0.2	0	0	-T	0	159
KADUGLI	1100N	02943E	499	953.6	1011.6	23.9		7.2		0	0	5	275	85
ETHIOPIA														
ASMARA	1517N	03855E	2325	31	773.0		11.3		8.7					101
GONDAR	1232N	03726E	1966	31	805.4		19.2	-1.4	8.0	-2.1	2	13	9	5
JIMMA	0740N	03650E	1577	31	831.4		18.0	-1.3	12.4	0.2	4	25	2	3
ADDIS ABABA	0859N	03848E	2324	31	766.9		15.6	-0.8	7.5	-2.2				111
DIRE DAWA	0936N	04152E	1146	31	888.7		20.7	-1.7	12.1	-2.0				116
DJIBOUTI														
DJIBOUTI	1133N	04309E	19	1014.2	1016.3	24.8	-0.3	20.6	-3.1	0	1	-12	2	286 115
KENYA														
MOYALE	0332N	03903E	1097	31			23.9	-0.5	10.9	-4.0	4	18	-1	4
ELDORET	0032N	03517E	2133	31	790.4	1491 Y	17.5	0.8	17.7	-0.2	1	61	34	5
GARISSA	0028S	03938E	147		995.4	1012.0	28.3	-0.3	22.5	-0.5	2	19	6	5
NAIROBI/KENYATTA AIRPORT	0119S	03655E	1624		839.4	1510 Y	19.6	0.1	14.8		4	20	-29	3
MALINDI	0314S	04006E	23		1009.3	1012.2	26.9		27.5		2	5	-2	4
UNITED REPUBLIC OF TANZANIA														
MWANZA	0228S	03255E	1140		887.6	1513 Y	23.5		22.0		7	52	-54	1
TABORA AIRPORT	0505S	03250E	1190		882.6	1500 Y	22.4	-0.3	20.4	1.2	18	292	145	5
DODOMA	0610S	03546E	1120		891.0	1520 Y	23.7		20.5		13	325	197	6
DAR ES SALAAM AIRPORT	0652S	03912E	55		1006.0	1012.5	28.4	1.0	29.0	2.5	4	21	-47	2
SONGEA	1041S	03535E	1067		897.4	1536 Y	22.5	-0.1	21.9	1.7	18	287	44	4
SEYCHELLES														
SEYCHELLES INT. AIRPORT	0440S	05531E	3	1012.4	1012.8	27.0	0.0	28.3		15	449	38	4	130 80
RWANDA														
KIGALI	0158S	03007E	1497		851.7	1511 Y	19.9		18.2		9	76		
CONGO														
BRAZZAVILLE/MAYA-MAYA	0415S	01515E	316		975.0	1010.0	26.5	0.9	26.1	0.3	9	544	386	5
OUESO	0137N	01603E	352		972.1	1011.3	25.8	0.9	26.9	1.7	0	1	-52	1
GABON														
LIBREVILLE	0027N	00925E	15		1009.9	1011.3	27.3	0.7	30.5	0.8	7	120	-167	1
MOANDA	0132S	01316E	573		945.2	1008.4	24.2	0.2	24.6	-0.4	7	131	-58	1
CENTRAL AFRICAN REPUBLIC														
BERBERATI	0415N	01548E	583		945.6	1010.0	23.8	-0.4	20.4	-0.7	0	0	-17	2
BOUAR	0558N	01538E	1020		900.0	1516 Y	24.3	-0.2	8.1	-1.8	0	0	-3	0

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE			
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE		
<b>AFRICA</b>																
CENTRAL AFRICAN REPUBLIC	0°	0°	#		m b	m b	°C	°C	m b	m b	m m	m m	m m	hr	%	
BOSSEMBELLE	0516N	01738E	674		935.9	1009.1	24.2	-0.4	14.3	-0.9	0	0	-12	0		
BOSSANGOA	0629N	01726E	465		958.1	1009.5	24.3	-0.1	14.4	2.0	0	0	-3	0	257	
BANGUI	0424N	01831E	366		968.9	1009.8	25.1	-0.4	22.0	1.0	0	0	-17	0	210	
N'DELE	0804N	02039E	511		952.8	1007.9	27.2	0.4	8.0	-4.1	0	0	0	5	301	
BRIA	0632N	02159E	584		945.6	1009.8	23.1	-1.3	16.9	1.1	0	0	-8	0	274	
BANGASSOU	0444N	02250E	500		954.7	1009.5	21.0	-4.4	20.5	0.4	1	2	-15	2	234	
BIRAO	1017N	02247E	464		959.4	1011.0	22.7	-0.9	7.4	-2.5	0	0	0	5	301	
OBO	0524N	02630E	651		938.2	1008.9	25.0	-0.9	12.4	-3.0	0	0	-12	0	235	
BAMBARI	0551N	02039E	475		957.0	1009.0	26.0	0.3	18.3	0.9	0	0	-6	0	235	
YALINGA	0630N	02316E	602		942.9	1009.5	21.0	-2.3	12.5	-2.9	0	0	-6	0		
ALINDAO	0503N	02112E	449				25.4	0.3	22.0	2.1	1	34	13	5		
REPUBLIC OF CAMEROON																
NGAOUNDERE	0721N	01334E	1104		891.7		19.3	-1.9	7.8		0	0	-2	5	303	
YOKO	0533N	01222E	1031		889.9	1010.0	28.2	4.4	31.1		5	303	300	6		
DOUALA OBS.	0400N	00944E	9		1009.9	1010.9	27.2	0.2	29.9		2	40	-16	3	198	
BATOURI	0428N	01422E	656		936.8	1009.1	22.9	-0.5	20.0		0	0	-24	0	179	
YAOUNDE	0350N	01131E	760		927.5	1010.4	24.1	0.3	22.0		0	0	-25	1	123	
KRIBI	0257N	00954E	16		1008.9	1010.7	28.2	1.7	31.5		1	303	203	6	73	
BENIN																
KANDI	1108N	00256E	292		978.9	1011.6	26.0	1.1	7.5	-1.5	0	0	0	5	246	
NATITINGOU	1019N	00123E	461		960.5	1011.6	26.5	0.1	8.4	-0.4	0	0	-2	5	252	
PARAKOU	0921N	00237E	393	31	967.5	1011.1	27.3	1.0	11.9	0.4	1	9	5	5		
SAVE	0759N	00226E	200		988.6	1010.9	28.5	0.7	23.0	2.4	0	0	-8	0	218	
BOHICON	0710N	00204E	167		992.4	1011.1	28.0	0.0	28.2	2.9	0	0	-8	2	238	
COTONOU	0621N	00223E	9		1010.5	1011.5	27.8	0.5	31.7	1.4	0	T	-20	2	220	
TOGO																
DAPAON	1052N	00015E	330		974.3	1011.3	28.4		5.4		0	0	0	5		
MANGO	1022N	00028E	146		994.3	1010.8	27.8	1.1	8.6	-0.2	0	0	0	5		
SOKODE	0859N	00109E	387		967.3	1011.0	27.4	1.9	23.7	11.7	0	0	-8	3	255	
ATAKPAME	0735N	00107E	402		966.0	1011.1	27.4	0.7	23.7	5.8	0	0	-11	0	211	
JABLIGBO	0635N	00130E	44		1008.8	1011.6	26.7	-0.6	32.3	6.1	0	T	-12	2	229	
BURKINA FASO																
DORI	1402N	00002W	277		981.8	1013.3	24.1	0.7	6.5	-0.9	0	0	0	0	314	
OUAHIGOUYA	1334N	00225W	336		974.9	1012.5	25.5	1.1	5.3	-1.5	0	0	0	0	298	
OUAGADOUGOU	1221N	00131W	306		977.9	1012.2	25.6	0.5	8.0	0.0	0	0	0	0	278	
BOBO-DIOULASSO	1110N	00419W	460		960.5	1011.4	26.9	1.3	8.0	0.9	0	0	-1	0	257	
BOROMO	1145N	00256W	271		981.3	1011.8	26.0	0.4	7.9	0.3	0	0	-1	5	280	
LIBERIA																
ROBERTS FIELD	0615N	01021W	18		1010.8	1011.8	26.3	0.4	28.6	0.5	2	8	-29	2	155	
FRANCE (COMOROS)																
DZAOUZI/PAMANZI (MAYOTTE)	1248S	04517E	7		1010.2	1011.0	27.3	0.1	30.1	0.3	16	330	30	4	186	
MADAGASCAR																
ANTANANARIVO/IVATO	1848S	04729E	1276		875.4	1528	20.5	-0.1	19.8	1.0	21	500	246	6	190	
TAMATAVE	1807S	04924E	6		1010.1	1010.7	26.3	0.0	29.6	1.0	17	201	-248	1	210	
TULEAR	2323S	04344E	8		1009.0	1009.9	27.0	-0.5	26.7	-1.1	6	207	112	5	97	
MOZAMBIQUE																
PEMBA	1258S	04030E	50		999.6	1010.8	26.5	-0.5	28.1	-1.0	12	125	-28	3		
LICHINGA	1317S	03515E	1365		864.9	1512	20.0	0.6	20.4	1.2	18	234	8	3		
NAMPULA	1506S	03917E	441		960.9	1011.1	25.1	0.2	24.9	0.2	16	247	4	3		
TETE	1611S	03335E	150		993.1	1010.1	27.6	0.0	27.4	0.6		227	55	4		
QUELIMANE	1753S	03653E	16		1009.0	1010.9	26.9	-0.6	28.4	-0.5	13	280	23	4		
BEIRA	1948S	03454E	16		1008.7	1010.5	27.6	0.3	27.1	-1.2	7	249	-24	3		
INHAMBANE	2352S	03523E	15			1012.0	27.0	0.4	26.2	-0.7	4	57	-99	1		
MAPUTO/MAVALANE	2555S	03234E	44		1007.2	1012.4	27.6	1.6	25.6	-0.2	9	87	-86	2		
ZAMBIA																
KASAMA	1013S	03108E	1384		863.2	1513	Y	20.2	0.1	19.2	0.4	19	190	-92	1	101
															90	

AFRICA-ZAMBIA

## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	TOTAL	DEPARTURE	QUINTILE
AFRICA	0°	0°	m	m	mb	mb	°C	°C	mb	mb	mm	mm	hr	Total	%
ZAMBIA															
MONGU	1515S	02309E	1053		893.4	1484	Y	23.9	1.1	20.9	-0.2	13	164	-57	2
KABWE	1427S	02828E	1207		879.5	1500	Y	22.0	1.0	19.7	-0.3	15	251	19	3
LIVINGSTONE	1749S	02549E	986		901.5	1499	Y	25.1	1.7	1.9	-18.8		221	18	4
MALAWI															
KAMUZU INTL.	1347S	03346E	1229	31	878.4	1509	Y	21.0		21.0		17	225		
ZIMBABWE															
HARARE (KUTSAGA OBSY.)	1755S	03108E	1480		852.9	1505	Y	20.2	-0.2	16.8	-0.9	12	122	-77	2
BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344		866.5	1509	Y	22.6	1.3	15.4	-1.5	5	72	-70	2
BOTSWANA															
GHANZI	2142S	02139E	1100		889.7	1503	Y	28.1		15.2		6	13		306
SOUTH AFRICA															
PIETERSBURG	2352S	02927E	1200		881.7	1515	Y	22.2	0.6	19.2	1.6	5	98	21	4
PRETORIA	2544S	02811E	1300		870.9	1510	Y	23.1	1.4	16.3	-0.3	8	76	-73	1
JAN SMUTS	2608S	02814E	1700		831.5	1510	Y	20.6	1.5	15.3	0.1	15	134	7	4
ALEXANDER BAY	2834S	01632E	21	31	1011.7	1014.4	Y	19.4	0.5	16.1	-0.9	0	0	-1	0
UPINGTON	2824S	02116E	800		920.8	1515	Y	27.9	0.4	8.3	-4.1	0	T	-29	2
KIMBERLEY	2848S	02446E	1200		879.1	1495	Y	26.3	1.7	10.3	-3.7	5	31	-34	2
BLOEMFONTEIN (J.B.M. HERTZOG)	2906S	02618E	1400		859.6	1499	Y	24.8	2.6	10.0	-4.9	2	9	-76	1
BETHLEHEM AIRPORT	2815S	02820E	1700		831.8	1515	Y	19.7		14.0		11	73		317
DURBAN (LOUIS BOTHA)	2958S	03057E	8		1010.7	1012.3		24.3	0.6	23.4	-0.5	15	107	-19	3
BEAUFORT WEST	3221S	02236E	800		922.1	1509	Y	23.8	0.7	10.9	0	T	-18	1	375
CAPE TOWN (D.F. MALAN)	3359S	01836E	42		1008.9	1014.7		20.0	-0.4	16.2	-0.4	5	15	4	329
GEORGE AIRPORT	3400S	02223E	193		991.6	1015.3		19.2	0.2	17.4		14	49	-28	2
PORT ELIZABETH	3359S	02536E	60		1006.9	1014.2		21.2	0.2	18.8	-0.3	5	19	-20	2
EAST LONDON	3302S	02750E	125		998.3	1013.3		21.5	0.2	20.3	0.4	7	46	-26	2
GOUGH ISLAND	4021S	00953W	54	31	1004.1	1010.5		13.6	-0.5	12.4	-0.8	10	393	191	6
MARION ISLAND	4653S	03752E	22		1000.4	1003.1		7.7	0.8	8.7	0.2	23	158	-62	1
N AMERICA															
USA															
BARROW/W. POST W. ROGERS, AK.	7118N	15647W	4		1007.5	1008.0		-25.1	0.7	0.8	0.0	1	3	-2	3
BARTER ISLAND, AK.	7008N	14338W	15		1006.1	1008.1		-24.3	1.8	0.8	0.0	1	2	-11	2
KOTZEBUE, RALPH WIEN, AK.	6652N	16238W	5		1003.4	1004.0		-18.9	0.6	1.5	0.6	4	12	3	5
NOME, AK.	6430N	16526W	7		998.3	999.2		-14.4	0.2	2.0	-0.1	7	24	4	4
BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46		989.4	995.3		-15.4	-0.3	2.6	1.0	6	18	-2	4
MCGRATH, AK.	6258N	15537W	103		986.5	1000.0		-17.9	5.1	1.8	0.5	12	98	78	6
FAIRBANKS/INT., AK.	6449N	14752W	138		984.4	1002.4		-17.4	7.5	1.6	0.8	7	17	4	4
ANCHORAGE/INT., AK.	6110N	15001W	40		991.8	996.8		-5.1	5.9	3.8	1.6	7	44	24	5
ST. PAUL, AK.	5709N	17013W	9		988.7	989.6		-2.6	0.6	4.7	0.1	20	85	40	5
KING SALMON, AK.	5841N	15639W	15		992.4	993.9		-6.6	4.2	4.1	1.4	10	60	33	5
YAKUTAT, AK.	5931N	13940W	9		1001.9	1003.1		0.0	4.9	6.0	2.3	24	583	344	6
ANNETTE ISLAND, AK.	5502N	13134W	34		1005.4	1009.4		3.8	3.5	6.8	2.3	20	275	22	4
KEY WEST/INT., FL.	2433N	08145W	6		1017.1	1017.7		20.6	-0.3	23.6	2	23	-25	3	289
MIAMI, FL.	2549N	08017W	4		1017.3	1017.7		18.9	-0.6	21.8	4.3	4	22	-31	2
WEST PALM BEACH/INT., FL.	2641N	08007W	6		1016.9	1017.6		17.8		20.1	6	30	2		
ORLANDO/JETPORT/ FL.	2826N	08119W	32		1013.5	1017.3		15.0		17.3	3	32			
JACKSONVILLE/INT., FL.	3030N	08142W	9		1016.5	1017.5		10.6	-1.5	13.7	2.7	10	103	28	4
SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15		1014.9	1016.7		9.4		11.1	12	219	6	157	90
CHARLESTON/MUN., SC.	3254N	08002W	15		1014.8	1016.8		8.3	-0.5	10.5	2.4	12	183	98	5
TAMPA/INT., FL.	2758N	08232W	3		1017.3	1017.7		15.0		17.3	8	84	4	178	90
TALLAHASSEE/MUN., FL.	3023N	08422W	21		1004.4	1017.3		9.4		12.4	11	164	4		
MACON/LEWIS B. WILSON, GA.	3242N	08339W	110					7.2	-1.0	9.1	11	176	71	5	184
AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45		1013.3	1016.6		6.7		9.1	10	225	6		
ATLANTA/MUN., GA.	3339N	08425W	315		979.0	1016.7		5.6	0.8	7.7	0.8	11	143	12	4
MOBILE/BATES FIELD, AL.	3041N	08815W	67		1010.2	1018.3		9.4	-0.8	10.7	9	147	30	4	
MONTGOMERY/DANNELLY, AL.	3218N	08624W	62		1010.8	1018.2		7.2		8.9	13	198	6	159	105
NEW ORLEANS, LA	2959N	09015W	9		1018.0	1018.8		10.0	-1.7	11.5	1.3	10	224	95	5
MERIDIAN/KEY, MS.	3220N	08845W	94		1007.5	1019.0		6.7		8.8	12	223	5		
JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101		1006.5	1018.6		6.7		9.1	9	118	158	211	105
LAKE CHARLES/MUN., LA.	3007N	09313W	10		1018.4	1019.5		9.4		10.6	9	172			

N AMER-USA

## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	
<b>N AMERICA</b>														
USA	0°	0°	0	mb	mb	°C	°C	mb	mb	mm	mm	hr	%	
GALVESTON, TX.	2918N	09448W	16	1017.4	1019.4	11.7	-0.5	11.9	5	100	35	5		
HOUSTON/INTERCONTINENTAL, TX.	2958N	09521W	33	1015.6	1019.5	10.6	0.0	10.5	5	62	121	85		
SHREVEPORT/REG., LA.	3228N	09349W	79	1009.6	1019.0	7.2	0.2	8.6	4	57	-21	3	207	
BROWNSVILLE/INT., TX.	2554N	09726W	6	1017.8	1018.5	15.0	-0.7	14.7	0.4	5	62	30	5	192
CORPUS CHRISTI/INT., TX.	2746N	09730W	13	1017.4	1019.1	12.8	0.0	12.5	5	56	4	161	110	
SAN ANTONIO/INT., TX.	2932N	09828W	242	990.4	1019.0	10.6	1.1	10.1	1.8	4	29	-17	3	137
AUSTIN/ROBERT MUELLER., TX.	3018N	09742W	189	996.4	1019.0	10.6	0.0	10.1	2	23	3	206	125	
VICTORIA/VICTORIA REG., TX.	2851N	09655W	36	1015.5	1019.6	11.7	0.0	11.4	6	61				
WACO/MADISON-COOPER, TX.	3137N	09713W	155	1000.8	1019.1	7.8	0.0	9.1	2	33				
DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182			6.7	0.0		4	15	1	199	110	
SAN ANGELO/MATHIS, TX.	3122N	10030W	582	950.6	1018.5	7.2	0.0	8.1	3	17				
MIDLAND/MIDLAND REG., TX.	3157N	10211W	872	917.6	1017.6	6.1	-0.6	7.0	1	3	-8	3	254	
ABILENE, TX.	3225N	09941W	534	954.2	1018.3	6.7	0.4	7.7	2.4	4	14	-11	2	208
LUBBOCK/LUBBOCK INT., TX.	3339N	10149W	988	904.6	1018.3	3.3	0.0	6.8	3	14	4	210	100	
EL PASO/INT., TX.	3148N	10624W	1194	882.3	1016.7	5.0	-1.9	6.3	1.3	1	7	-3	3	278
TUCSON/INT., AZ.	3207N	11056W	779	927.3	1016.2	10.6	0.0	6.9	3	14				
PHOENIX/SKY HARBOR INT., AZ.	3326N	11201W	337	977.9	1017.6	12.8	1.5	7.4	0.6	3	17	-2	4	271
SAN DIEGO/LINDBERGH, CA.	3244N	11710W	9	1017.5	1018.5	13.3	-0.5	10.8	0.7	4	42	-12	3	245
LOS ANGELES/INT. CA.	3356N	11824W	32	1014.6	1018.3	12.8	0.0	10.9	3	32				
CAPE HATTERAS, NC.	3516N	07533W	3	1014.7	1015.1	7.8	0.5	11.0	2.5	10	268	146	6	152
RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134	999.5	1015.9	3.3	0.0	6.8	8	165	5	145	90	
NORFOLK/INT., VA.	3654N	07612W	9	1014.6	1015.7	4.4	0.0	8.2	10	252	6	132	75	
COLUMBIA, SC.	3357N	08107W	69	1007.8	1016.3	6.1	-0.7	8.5	11	212	115	6	148	
GREENVILLE/GREENVILLE-SP., SC	3454N	08213W	296	981.1	1016.6	3.9	0.0	7.0	11	118				
CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234	988.6	1016.7	4.4	0.0	6.7	9	121	4	135	75	
ASHEVILLE/MUN., NC.	3526N	08233W	661	938.3	1015.9	1.7	-1.0	6.1	0.3	8	89	8	4	167
GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270	983.7	1016.3	2.2	0.0	6.1	7	97	4	156	90	
CHATTANOOGA/LOVELL FIELD, TN.	3502N	08512W	210	992.2	1017.5	3.9	0.0	7.1	12	160	4	115	80	
KNOXVILLE/MUN., TN.	3549N	08359W	299	981.2	1017.1	2.8	0.0	6.8	12	119	3	124	95	
NASHVILLE/OLD HICKORY, TN.	3615N	08634W	180	996.4	1018.8	2.2	-0.6	6.4	1.1	6	41	-73	1	99
N. LITTLE ROCK/MUN.APRT., AR.	3450N	09215W	165	998.9	1018.8	5.0	0.6	6.4	0.1	5	38	-60	1	
FORT SMITH/MUN., AR.	3520N	09422W	141	1001.7	1018.9	4.4	0.0	6.6	6	64	4	169	100	
OKLAHOMA CITY/W.R.WORLD, OK.	3524N	09736W	397	971.6	1019.3	1.7	-0.5	6.6	1.7	6	62	38	5	224
TULSA/INT., OK.	3612N	09554W	206	994.3	1019.6	2.2	0.0	6.2	5	56	5	174	105	
ALBUQUERQUE/INT., NM.	3503N	10637W	1620	838.0	1019.3	0.0	-1.7	4.4	0.6	4	17	7	4	231
LAS VEGAS/MCCARRAN, NV.	3605N	11510W	664	941.8	1019.9	7.2	-0.2	5.4	0.7	2	29	16	5	240
FRESNO/AIR TERM., CA.	3646N	11943W	100	1009.5	1021.5	7.8	0.0	8.9	5	49	3	141	100	
SANTA MARIA/PUBLIC, CA.	3454N	12027W	73	1011.0	1019.8	8.9	-1.6	8.3	-0.9	5	18	-39	2	
RICHMOND/BYRD, VA.	3730N	07720W	54	1009.2	1016.1	1.7	0.0	6.4	8	141	5	177	105	
WASHINGTON/NATL., VA.	3851N	07702W	20	1013.8	1016.2	1.1	-0.9	6.0	1.8	10	124	51	5	131
BALTIMORE/BALTIMORE-WAS., MD.	3911N	07640W	47	1009.7	1015.1	0.0	0.0	5.4	10	149	5	141	90	
ATLANTIC CITY, NJ.	3927N	07434W	20	1011.2	1013.8	0.0	0.0	6.1	9	158	5	99	65	
PHILADELPHIA/INT., PA.	3953N	07515W	9	1013.7	1014.7	0.0	0.4	5.7	9	117	50	5	121	
ROANOKE/MUN., VA.	3719N	07958W	358	972.9	1016.0	1.1	0.0	5.4	8	115	5			
BECKLEY/RALEIGH CTY. M.), VA.	3747N	08107W	766	925.7	1017.4	-1.7	0.0	5.0	13	82				
CHARLESTON/KANAWHA, WV.	3822N	08136W	299	980.5	1017.1	0.6	0.0	5.8	13	81	3			
CINCINNATI/GREATR CIN., OH.	3903N	08440W	267	984.9	1017.7	-1.1	-0.4	5.1	7	22	-56	1		
LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301	980.5	1017.1	0.0	0.0	5.9	7	33	1			
LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149	999.2	1017.7	1.1	0.0	5.6	5	21	0	92	65	
HUNTINGTON/TRI-STATE, WV.	3822N	08233W	255	986.1	1017.4	0.6	0.0	5.6	12	63				
COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254	985.9	1017.0	-1.1	1.1	5.2	1.7	6	29	-35	1	87
DAYTON/JAMES M. COX DAY., OH.	3954N	08412W	306	979.5	1016.9	-2.2	1.4	5.1	0.7	5	27	-29	1	122
EVANSVILLE/REG., IN.	3803N	08732W	118	1003.8	1018.3	0.0	0.0	6.0	6	19	0	102	70	
ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172	987.9	1017.8	-0.6	1.2	5.6	0.8	6	50	6	4	134
INDIANAPOLIS/I.-MUN/WEI., IN.	3944N	08616W	246			-2.8	0.0	5.2	6	39	1	111	85	
SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187	995.7	1018.2	-3.3	0.0	5.3	4	37				
SPRINGFIELD/MUN., MO.	3714N	09323W	387	971.8	1018.7	0.6	0.0	5.8	9	53	4	136	80	
COLUMBIA/REGIONAL, MO.	3849N	09213W	274	984.6	1018.1	-1.1	-1.6	5.7	1.9	6	53	9	4	155
KANSAS CITY, INTNL., MO.	3919N	09443W	312	981.1	1019.3	-1.1	0.0	5.5	3	20				
WICHITA, KS.,	3739N	09726W	408	969.7	1019.3	-1.7	0.2	5.7	2.2	7	36	17	5	181
DODGE CITY/MUN., KS.	3746N	09958W	790	925.0	1018.5	0.6	1.5	4.9	3	15	5	5	205	
TOPEKA/MUN., KS.	3904N	09537W	270	986.2	1019.2	-1.1	1.8	5.6	4	28	6	4	146	
CONCORDIA/BLOSSER MUN., KS.	3933N	09739W	452	964.0	1018.9	0.0	3.1	5.1	4	14	-1	3	193	
GOODLAND/RENNER FIELD/, KS.	3922N	10142W	1124	887.5	1017.9	0.0	0.0	3.7	2	9	3			
DENVER/STAPLETON INT., CO.	3945N	10452W	1625	834.5	1016.8	0.0	0.2	3.2	0.2	4	18	7	5	195

N AMER-USA

## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPÉRATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE			
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS TOTAL mm	DEPARTURE mm	QUARTILE hr	TOTAL hr	% OF AV.	
<b>N AMERICA</b>																
USA	0°	0°	#													
GRAND JUNCTION/WALKER F., CO.	3907N	10832W	1475		854.1	1022.3	-2.2	2.4	4.0	-0.4	3	8	-7	2	204	105
SACRAMENTO/EXECUTIVE, CA.	3831N	12130W	8				7.2	-0.7	7.6	-1.0	8	58	-46	2		
ELLY/YELLANDO, NV.	3917N	11451W	1909		809.0	1022.0	-6.1	-1.9	2.9	-0.2	4	19	1	3	192	90
RENO/INT., NV.	3930N	11947W	1341		868.9	1022.5	0.0		4.2		3	13	2			
SAN FRANCISCO/INT., CA.	3737N	12223W	5		1020.5	1021.2	9.4	0.2	10.2	1.1	9	71	-47	2		
NEW YORK/LA GUARDIA, NY.	4046N	07354W	9		1012.7	1013.7	0.6	0.8	5.6	1.5	8	138	62	5		
PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19		1010.6	1012.4	-1.7		5.0		9	120	4	182	105	
HARTFORD/BRADLEY INTNL., CT.	4156N	07241W	55		1006.1	1013.0	-3.9		4.4		9	157	5	151	85	
BOSTON/LOGAN INT., MA.	4222N	07102W	9		1011.2	1012.3	-1.7	-0.2	5.0	1.4	12	186	85	5	136	80
WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289		978.9	1014.7	-3.9		4.6		7	66			100	75
BINGHAMTON/BROOME CO., NY.	4213N	07559W	497		952.6	1013.3	-5.0		4.5		13	77			104	90
ALLENTOWN/A.-BETHLEHEM--PA.	4039N	07526W	117		999.9	1014.6	-2.2		4.9		7	99	4	140		
ALBANY/ALBANY CO., NY.	4245N	07348W	89		1003.0	1014.5	-5.6	-0.4	4.8		10	107	52	6	137	100
SYRACUSE/HANCOCK, NY.	4307N	07607W	124		999.6	1015.1	-4.4		4.7		15	77	4	105	100	
PITTSBURGH/GREATER PITT., PA.	4030N	08013W	373		970.1	1015.5	-2.2	-0.9	4.4		9	57	-8	3	78	90
AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377		970.2	1016.0	-2.8		4.9		11	52	2			
YOUNGSTOWN, OH.	4116N	08040W	361		970.9	1016.1	-3.3		4.9		12	47	2			
BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215		987.9	1014.5	-3.3	1.8	4.9	1.4	14	74	5	4	76	80
ROCHESTER/ROCHESTER-MON., NY.	4307N	07740W	169		993.4	1014.7	-3.9		4.9		12	47	2	80	70	
CHICAGO/O'HARE, IL.	4159N	08754W	205		992.0	1017.3	-3.3		4.9		7	42	4	122	95	
PEORIA/GREATER PEORIA, IL.	4040N	08941W	202		992.8	1017.9	-3.9		5.0		6	38	3	130	90	
FORT WAYNE/MUN., BAER FL., IN.	4100N	08512W	252		985.7	1016.9	-3.9		5.0		6	53	3	126	85	
SOUTH BEND/ST. JOSEPH CO., IN.	4142N	08619W	236		987.2	1016.5	-3.9		4.9		11	59	3			
TOLEDO/EXPRESS, OH.	4136N	08348W	211		990.6	1016.3	-3.3		5.0		9	48		109	85	
DETROIT/METROPOLITAN, MI.	4214N	08320W	202		990.6	1015.6	-3.3	0.6	5.1		9	60	13	4	95	80
MOLINE/QUAD CITY, IL.	4127N	09031W	181		995.4	1017.8	-3.9		4.5		5	23	2	147	100	
DES MOINES/MUN., IA.	4132N	09339W	294		982.2	1018.3	-2.8	4.1	4.5	1.9	2	11	-14	1	142	90
OMAHA, NE.	4122N	09601W	406		968.8	1018.4	-1.7	4.5	4.5		0	1	-17	0		
NORFOLK/KARL STEFAN, NE.	4159N	09726W	473		960.3	1018.0	-2.8		4.1		2	7	2			
SIOUX CITY/MUN., IA.	4224N	09623W	336		976.8	1018.3	-2.8		4.2		2	5	1	135	75	
NORTH PLATTE/LEE BIRD, NE.	4108N	10041W	849		917.3	1018.2	-1.1	4.9	3.5	-0.4	1	4	-6	2	168	93
CHEYENNE, WY.	4109N	10449W	1872		809.1	1017.8	-1.7		2.9		1	2	1	197	105	
CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612		835.9	1019.5	-5.0		3.1		8	37	6			
SALT LAKE CITY/INT., UT.	4047N	11156W	1288		874.8	1023.4	-3.3	-1.4	4.3	0.1	5	38	4	4	119	90
LANDER/HUNT, WY.	4249N	10844W	1694				-8.3		0.0		4	20	4	180	95	
POCATELLO/NUM., ID.	4255N	11236W	1365		865.8	1024.9	-7.2		3.5		10	26	3	144	120	
WINNEMUCCA/MUN., NV.	4054N	11748W	1322		871.7	1023.5	-2.8	-1.6	3.4	-0.5	4	13	-10	2	203	135
EUREKA, CA.	4048N	12410W	18		1018.0	1020.2	9.4	0.8	10.3		16	165	-43	2		
MEDFORD/MEDFORD-JACKSON, OR.	4222N	12252W	405		972.7	1021.4	3.3	0.4	7.0	0.8	8	73	-9	3		
CONCORD/MUN., NH.	4312N	07130W	105		999.7	1012.5	-6.7		3.9		10	75	4	163	100	
PORTLAND/INT. JET PORT, ME.	4339N	07019W	19		1008.8	1011.5	-6.1		3.8		11	132	4	136	80	
BURLINGTON/INT., VT.	4428N	07309W	104		1001.6	1015.1	-7.8	0.8	4.0	0.2	9	49	2	4	86	65
GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245		985.4	1015.4	-3.9		4.8		9	17	2	82	90	
MUSKEGON/COUNTY, MI.	4310N	08615W	193		991.9	1015.6	-3.3		4.8		9	38	1			
FLINT/BISHOP, MI.	4258N	08345W	233		986.4	1015.4	-3.9		4.8		7	30	2			
MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211		989.8	1016.0	-3.9		4.4		6	31	3	124	90	
MADISON/DANE COUNTY REG., WI.	4308N	08920W	264		983.7	1016.4	-5.0	3.7	4.2		3	17	-11	3	143	100
ROCHESTER/MUN., MN.	4355N	09230W	402		967.7	1017.2	-7.2		3.8		5	16				
GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214		989.1	1016.0	-5.6		4.1		5	12	1	166	115	
SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435		964.4	1017.8	-4.4		3.6		1	4	1			
HURON/HURON REGIONAL, SD.	4423N	09813W	393		968.5	1017.1	-3.9	7.3	3.4		2	4	-7	1	164	95
MINNEAPOLIS/ST. PAUL INT., MN.	4453N	09313W	255		985.4	1017.2	-6.1	5.4	4.0		4	16	-5	3	163	105
RAPID CITY/REG., SD.	4403N	10304W	966		903.3	1017.1	-0.6	5.6	3.3	0.8	0	1	-10	2	224	140
SHERIDAN/COUNTY, WY.	4446N	10658W	1209		877.8	1019.3	-2.9	4.0	3.5	0.9	3	11	-8	2	176	110
BILLINGS/LOGAN INT., MT.	4548N	10832W	1088		890.4	1017.7	-1.1		2.9		1	2	1	127	95	
BOISE/MUN., ID.	4334N	11613W	874		920.6	1024.4	-2.2	-1.0	4.3	0.0	7	20	-22	1	144	140
PENDLETON, OR.	4541N	11851W	456		966.8	1022.5	-1.1		5.3		9	38	3			
PORTLAND/INT., OR.	4536N	12236W	12		1019.2	1020.8	4.4	-0.2	6.9	0.3	14	176	-11	3	146	175
CARIBOU/MUN., ME.	4652N	06801W	190		986.4	1011.2	-12.3	0.0	2.1	0.2	9	58	-2	3		
SAULT STE. MARIE, MI.	4628N	08422W	221		986.4	1014.2	-6.7	4.1	4.1	1.6	10	45	-18	1	94	85
MARQUETTE, MI.	4632N	08733W	434		960.8	1014.5	-7.8	0.2	3.5		11	37	-4	3	84	75
DULUTH/INT., MN.	4650N	09211W	432		962.1	1016.0	-9.4	4.9	3.2	1.4	3	17	-13	2	104	73
INT. FALLS/FALLS INT., MN.	4834N	09323W	361				-11.7	6.0			2	8	-15	1		
FARGO/HECTOR FIELD, ND.	4654N	09648W	274		965.7	1012.0	-7.8		3.4		7	2	2	128	85	
BISMARCK/MUN., ND.	4646N	10045W	506		954.9	1017.0	-5.6	8.5	3.4	1.5	1	4	-9	1	111	70

N AMER-USA

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## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM TOTAL mm	DEPARTURE mm	QUINTILE	TOTAL hr	% OF AV.
<b>N AMERICA</b>															
USA	0°	0°	0	5											
WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581	946.1	1017.0	-6.1	3.5				4	8	2	177	125
GLASGOW/INT., MT.	4813N	10637W	700	932.3	1017.0	-4.4	3.6				0	2	1		
HELENA/COUNTY-CITY, MT.	4636N	11200W	1188	881.7	1022.1	-5.0	2.9				0	0	-16	0	155
MISSOULA/JOHNSON-BELL F., MT.	4655N	11405W	972	907.6	1024.3	-6.1	3.5				2	7	0	115	130
GREAT FALLS/INT., MT.	4729N	11122W	1115	887.2	1018.0	0.0	7.7	3.3	0.9	1	1	-27	0	207	
YAKIMA/YAKIMA AIR TERM., WA.	4634N	12032W	325			-2.2					8	37	3		
SPOKANE/INT., WA.	4738N	11732W	721	935.5	1022.1	-2.8	0.7	5.0	1.0	7	63	0	3	103	
ASTORIA/CLATSOP, OR.	4609N	12353W	7	1017.4	1018.3	6.7	8.5			18	264				
OLYMPIA, WA.	4658N	12254W	61			3.7	0.8	7.3	0.5	14	213	-13	2		
SEATTLE/S.-TACOMA, WA.	4727N	12218W	137	1002.0	1018.9	5.0	7.3			15	152	3	62	90	
QUILLAYUTE, WA.	4756N	12433W	62	1009.8	1017.5	5.6	1.9	8.8	1.6	20	357	-7	3		
BLUE HILL OBSR. WB., MA.	4213N	07107W	195			-3.4	-0.2	3.5	0.0	13	202	86	5	137	105
<b>CANADA</b>															
NORMAN WELLS, N.W.T.	6517N	12648W	73	1000.0	1009.9	-21.3	7.6	1.2	0.5	5	15	-5	3	32	105
MOULD BAY A, N.W.T.	7614N	11919W	12	1006.8	1008.5	-35.6	-2.2	0.2	-0.2	3	8	5	5		
HALL BEACH, N.W.T.	6847N	08115W	8	1005.4	1006.5	-35.2	-4.8	0.3	-0.3	3	18	10	5		
ALERT, N.W.T.	8230N	06220W	63	999.4	1008.6	-29.7	2.3	0.4	0.0	2	7	0	4		
CLYDE, N.W.T.	7028N	06837W	25	1002.4	1006.0	-31.0	-4.6	0.3	-0.4	2	8	-2	4		
SANDSPIT, B.C.	5315N	13149W	6	1007.5	1008.3	5.0	3.0	7.9	1.9	24	215	71	5	43	75
PORT HARDY, B.C.	5041N	12722W	22	1011.0	1013.5	4.3	1.9	7.6	1.3	23	348	140	5	42	65
SABLE ISLAND, N.S.	4356N	06001W	4	1006.8	1007.3	-0.6	-0.7	5.0	-0.2	15	225	78	5	35	65
SHEARWATER, N.S.	4438N	06330W	41	1001.9	1008.2	-4.8	-0.7	3.8	-0.2	15	148	5	4	121	105
TORONTO INT.AIRPORT ONT.	4341N	07938W	176	992.3	1013.9	-4.6	2.1	3.8	0.5	6	57	7	3		
MONTRÉAL INT.AIRPORTQUE.	4528N	07345W	30	1009.3	1013.8	-9.0	1.2	2.8	0.4	9	61	-11	2	89	85
SYDNEY, N.S.	4610N	06003W	60	998.9	1006.7	-5.4	-0.7	3.6	0.0	16	159	-10	4	70	80
CHATHAM, N.B.	4701N	06527W	34	1005.4	1009.7	-10.8	-1.2	2.4	-0.2	12	116	-17	4	123	110
MANIWAKI, QUE.	4623N	07558W	170	991.7	1013.4	-11.5	1.9	2.6	0.3	9	32	-23	1	64	70
BAGOTVILLE, QUE.	4820N	07100W	163	993.2	1013.6	-14.1	1.6	1.9	0.1	8	48	-15	2		
NORTH BAY, ONT.	4622N	07925W	369	967.3	1013.7	-10.0	2.9	2.7	0.6	7	29	-35	1	85	90
GANDER INT.AIRPORT, NFLD.	4857N	05434W	147	985.1	1004.1	-8.2	-2.1	3.1	-0.2	19	163	54	5	89	105
SEPT-ILES, QUE.	5013N	06616W	55	1004.0	1015.1	-14.4	-0.4	1.5	-0.3	5	25	-70	0	113	105
STEPHENVILLE, NFLD.	4832N	05833W	26	1002.1	1005.4	-7.0	-2.1	3.2	-0.2	21	114	-1	3	70	160
GOOSE, NFLD.	5319N	06025W	44	1002.6	1009.0	-17.2	-0.8	1.1	-0.5	4	15	-59	0	115	130
KAPUSKASING, ONT.	4925N	08228W	229	984.9	1013.9	-13.4	5.2	2.2	0.7	8	33	-21	1		
MOOSONEE, ONT.	5116N	08039W	10	1011.4	1012.8	-14.3	6.1	2.1	0.8	5	21	-20	1	72	90
BIG TROUT LAKE, ONT.	5350N	08952W	222	984.8	1014.1	-17.2	7.3	1.8	0.9	4	25	0	3		
WINNIPEG INT.AIRPORTMAN:	4955N	09714W	240	985.6	1016.7	-11.8	7.4	2.5	1.2	3	10	-11	2	99	80
REGINA, SASK.	5026N	10440W	574	944.2	1015.7	-8.9	9.0	2.7	1.2	4	12	-5	2	107	105
THE PAS, MAN.	5358N	10106W	271	978.9	1013.6	-13.6	9.1	2.1	1.1	4	11	-7	2	94	90
LETHBRIDGE, ALTA.	4938N	11248W	920	905.2	1015.6	-1.0	9.3	3.3	0.8	2	8	-16	1	141	150
EDMONTON MUNICIPAL ALTA.	5334N	11331W	676	931.1	1012.0	-4.5	10.4	3.3	1.5	3	5	-20	0	149	165
VANCOUVER INT. AIRPORT, B.C.	4911N	12311W	3	1018.0	1018.3	4.4	1.9	7.3	1.2	16	147	-7	3	60	110
PRINCE GEORGE, B.C.	5353N	12241W	691	931.1	1015.3	-4.2	7.8	3.8	1.3	8	30	-27	1	52	90
KUUJJUAQ, QUE.	5806N	06825W	37	1004.5	1009.4	-22.7	0.6	0.9	-0.2	8	17	-16	1	77	120
INUKJUAQ, QUE	5827N	07807W	8	1006.4	1006.8	-21.2	3.3	1.1	0.2	8	20	10	5	60	115
FROBISHER BAY, N.W.T.	6345N	06833W	34	1002.5	1007.2	-28.3	-2.7	0.5	-0.3	8	24	-2	3	47	135
CHURCHILL, MAN.	5845N	09404W	29	1007.4	1011.2	-21.9	5.6	1.0	0.4	7	27	12	5	69	85
CORAL HARBOUR, N.W.T.	6412N	08322W	64	999.5	1008.3	-31.8	-2.2	0.4	-0.2	1	2	-6	1	46	105
EUREKA, N.W.T.	8000N	08556W	10	1006.4	1007.9	-35.6	0.8	0.2	-0.1	3	8	5	5		
RESOLUTE, N.W.T.	7443N	09459W	67	996.5	1005.9	-33.4	-1.3	0.3	-0.1	0	1	-2	1		
CAMBRIDGE BAY, N.W.T.	6906N	10507W	27	1006.2	1010.0	-33.0	0.5	0.4	0.0	3	8	3	5		300
BAKER LAKE, N.W.T.	6418N	09600W	18	1009.3	1011.8	-29.9	3.1	0.5	0.1	5	13	5	5	24	65
FORT SMITH, N.W.T.	6001N	11158W	203	984.6	1010.7	-15.7	11.1	1.8	1.0	8	30	12	5	38	65
COPPERMINE, N.W.T.	6749N	11508W	22	1007.7	1010.8	-25.0	4.8	0.9	0.4	7	12	2	4		375
FORT NELSON, B.C.	5850N	12236W	382	963.0	1011.5	-14.6	9.1	1.8	0.8	5	17	-8	2	82	
INUVIK, N.W.T.	6818N	13329W	68	999.4	1008.7	-24.4	5.1	0.9	0.3	5	14	-4	3	6	85
WHITEHORSE, Y.T.	6043N	13504W	703	921.0	1007.0	-9.0	11.7	2.7	1.5	1	3	-15	1	52	115
ST. PIERRE AND MIQUELON															
SAINT-PIERRE	4646N	05610W	5 31	1004.5	1005.1	-3.2	-1.1	4.4	0.1	16	96	-11	3		
MEXICO															
UNIV. DE CHIHUAHUA, CHIHUAHU	2838N	10605W	1435		1017.2	9.2	-0.9			0	0	-5	0		
TORREON, COAH.	2532N	10327W	1124	889.6	1015.7	13.0	-1.6	8.3	-0.3	2	25	20	5	200	

N AMER-MEXICO

## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MM	TOTAL	DEPARTURE	QUINTILE	TOTAL	% OF AV.
<b>N AMERICA</b>																
MEXICO																
MONTERREY, N.L.	2552N	10012W	512		960.6	1020.5	12.7	-2.0	12.1	1.6	10	85	74	6	81	70
COLONIA JUAN CARRASCO MAZAT.	2312N	10625W	4		1013.1	1013.1	19.5	-1.0	16.5	2	14	-10	3	100	70	
ZACATECAS, ZAC. (LA BUFA, ZAC.)	2247N	10234W	2612		746.5	1013.0	9.6	-0.2	6.9	2	11	8	5	235		
TAMPICO, TAMPS	2213N	09751W	9		1014.2	1017.2	18.1	-0.4	16.0	-1.8	2	11	-9	3	185	
GUANAJUATO, GTO.	2101N	10115W	1999		804.6	1013.4	14.5	0.1	10.5	0	0	-24	0	213	110	
GUADALAJARA, JAL.	2040N	10323W	1551		849.3	1013.5	15.6	0.1	8.1	2	4	-8	3	184	90	
AEROP. INT. MERIDA, YUCATAN	2059N	08939W	9		1013.7	1014.7	24.3	1.2	23.0	1.4	4	33	-16	4	227	130
MANZANILLO, COL.	1903N	10420W	3		1013.1	1013.5	24.9	0.1	22.1	0.6	0	2	-25	3	247	
MORELIA, MICH.	1942N	10111W	1913		812.1	1012.9	15.1	-0.4	10.5	2	14	-8	4	218	130	
COATZACOALCOS, VER.	1809N	09425W	23		1014.0	1018.0	21.2	-1.1	21.4	-1.0	5	70	-56	2	175	
CETUMAL, Q. ROO	1830N	08818W	3		1010.2	1011.2	28.9	4.7	25.3	-0.6	5	47	2	3	220	
OAXACA, OAX.	1704N	09643W	1550		846.2	1011.5	16.9	-1.1	9.2	0	0	-3	0	296	150	
ACAPULCO, GRO.	1650N	09956W	28		1013.1	1013.2	26.2	-0.2	25.2	-2.2	1	8	-2	4	280	115
SN. CRISTOBAL LAS CASAS, CHIS.	1644N	09238W	2276		791.8	1013.1	10.9	-1.1	10.8	0	0	-8	0	237	110	
<b>BAHAMAS</b>																
NASSAU AIRPORT	2503N	07728W	7	31	1016.2	1017.0	21.4	0.6	19.4	-0.2	23	-21	2		108	
<b>CUBA</b>																
CASA BLANCA, HABANA	2310N	08221W	50		1010.5	1017.1	21.8	0.1	19.1	-1.4	4	27	-35	2		
<b>JAMAICA</b>																
MONTEGO BAY/SANGSTER	1830N	07755W	8		1014.5	1015.4	24.3	-0.2	25.3	3.1	14	131	51	5	204	90
KINGSTON/NORMAN MANLEY	1756N	07647W	14		1013.0	1014.6	25.7	0.1	23.9	0.8	6	22	4	4		
<b>DOMINICAN REPUBLIC</b>																
SANTO DOMINGO	1826N	06953W	14		1014.4	1016.2	24.6	0.5	23.1	-1.2	3	9	-44	1	250	140
<b>BELIZE</b>																
BELIZE/INTERNATIONAL AIRPORT	1732N	08818W	5		1015.7	1016.2	23.0	-0.8	22.5	-2.0	7	98	-17	3	188	270
<b>COSTA RICA</b>																
PUNTARENAS	0958N	08450W	3		1010.1	1010.1	26.0	-2.2	22.2	-4.5	1	5	-1	4		95
JUAN SANTAMARIA	1000N	08413W	939		909.5	1010.6	22.9	1.5	16.8	-0.8	0	0	-6	0	307	110
PUERTO LIMON	1000N	08303W	3		1012.8	1012.8	24.6	-0.2	26.5	0.0	13	349	36	4		
ST. MAARTEN, ST. EUSTATIUS, & JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9		1016.4	1016.9	25.9	0.3	24.9	7	37	-35	2	249	95	
ST. MARTIN, ST. BARTHELEMY, LE RAIZET, GUADELOUPE	1616N	06131W	8		1015.5	1016.4	24.4	0.9	23.5	0.3	10	87	19	4	243	109
<b>MARTINIQUE</b>																
LE LAMENTIN	1436N	06100W	4		1014.7	1015.5	24.7	1.0	25.7	2.5	11	660	545	6	263	102
<b>BARBADOS</b>																
GRANTLEY ADAMS	1304N	05929W	56	31	1009.6	1016.1	25.5	0.0	24.2	-0.4	3	11	-50	1		103
<b>TRINIDAD AND TOBAGO</b>																
PIARCO INT. AIRPORT, TRINIDAD	1037N	06121W	15		1012.1	1014.6	25.3	0.7	24.8	-0.1	3	9	-65	0	262	114
<b>CURACAO AND BONAIRE</b>																
HATO AIRPORT, CURACAO	1212N	06858W	67		1012.3	1013.2	26.6	0.4	25.4	-0.5	1	3	-53	0	275	110
<b>COLOMBIA</b>																
SAN ANDRES (ISLA)	1235N	08143W	6		1012.7	1012.8	26.4	-0.2	27.1	-0.8	15	62	-1	4	232	
PROVIDENCIA (ISLA)	1322N	08121W	6				26.4		27.0		13	27			223	
<b>S AMERICA</b>																
SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1007.9	1008.4	27.3		25.3	2	67				274	
CARTAGENA/CRESPO	1027N	07531W	12		1009.2	1009.4	26.8		27.7	1	3				283	
BARRANQUILLA/ERNESTOCORTISSO	1054N	07446W	30		1007.8	1009.4	26.8	0.2	27.8	1.1	1	2	-9	5	269	
APARTADO	0748N	07642W	30				27.3		28.7	8	36				188	
BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				28.9	0.2	28.5	1.7	4	21	-8	3	186	

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL MM	DEPARTURE	
S AMERICA	0°	0°	0'											
MEXICO														
BUCARAMANGA/PALONEGRO	0706N	07312W	1189											
CUCUTA/CAMILO DAZA	0756N	07231W	317		975.5	1010.4	21.5	0.6	21.1	0.2	10	40	196	
ARAUCA/SANTIAGO PEREZ	0704N	07044W	128				26.6	23.6			5	37	3 4	
RIONEGRO/J.M.CORDOVA	0611N	07526W	2142		790.1		26.9	23.8			0	1	258	
PUERTO CARRENO	0610N	06730W	55				17.0	15.0			6	21		
QUIBDO/EL CARANO	0543N	07637W	33				28.7	25.6			3	37	257	
PEREIRA/MATECANA	0449N	07548W	1342		864.6		26.1	30.2			12	313	93	
IBAGUE/PERALES	0426N	07509W	928				22.2	18.6			6	33	.197	
BOGOTA/ELDORADO	0442N	07408W	2548		753.2		25.1	21.4			5	40	180	
VILLAVICENCIO/VANGUARDIA	0410N	07337W	431				13.2	0.5	11.8	0.6	6	43	11 4	
GAVIOTAS	0433N	07055W	167		988.8	1008.0	26.4	23.3			6	99	190	
CALI/PALMASECA	0333N	07623W	969		904.4		26.5	-0.5	24.3	1.3	5	117	106 6	
NEIVA/LA MANGUITA	0258N	07518W	443				24.1	0.5	21.5	1.2	3	44	1 3	
TUMACO/EL MIRA	0134N	07841W	5				28.7	1.0	23.7	0.0	4	27	-62 3	
PASTO/ANTONIO NARINO	0125N	07716W	1826		819.7		26.0	29.2			22	125		
IPIALES/SAN LUIS	0049N	07738W	2961				19.8	16.1			4	49	186	
LETICIA/VASQUEZ COBO	0410S	06957W	84		1000.6	1009.9	10.7	10.8			7	50	-13 3	
VENEZUELA							25.7	-0.2	29.2	0.2	25	498	137 4	
MARACAY - B.A. SUCRE	1015N	06739W	437		965.2	1013.9	24.8	1.5	22.8	3.3	1	5	-2 4	
CARACAS/LA CARLOTA	1030N	06653N	835		919.8		19.2	-1.0	18.5	0.7	4	19	0 4	
BARCELONA	1007N	06441W	7		1011.2	1012.0	24.0	-1.3	22.2	-1.7	1	190	182 6	
MERIDA	0836N	07111W	1498		852.5	1522	Y	18.7	0.9	15.1	-0.9	1	4	
CIUDAD BOLIVAR	0809N	06333W	48		1007.6	1012.8	25.1	-1.4	18.4	-6.5	1	4	-26 1	
SAN ANTONIO DEL TACHIRA	0751N	07227W	378		969.3	1011.5	24.7	0.2	23.0	0.6		33	-9 3	
SAN FERNANDO DE APURE	0754N	06725W	48		1005.0	1010.5	30.1	3.7	30.5	6.1	0	0	-1 3	
PUERTO AYACUCHO	0536N	06730W	74		1003.0	1011.4	28.5	1.0	23.4	-1.3	4	21	-15 3	
SANTA ELENA DE UAIREN	0436N	06107W	907		913.3	1499	Y	21.9	0.3	20.4	0.7	3	56	-12 2
SURINAME														
ZANDERIJ	0527N	05512W	15		1010.6	1013.0	25.5	0.6	26.8		15	116	-82 1	
FRENCH GUIANA														
CAYENNE/ROCHAMBEAU	0450N	05222W	9		1011.9	1013.0	26.4	1.0	28.3	0.2	21	224	-199 1	
BRAZIL														
BOA VISTA	0249N	06039W	90				27.2	-0.2	28.8	2.9	4	33	18 5	
BELEM	0127S	04828W	24		1010.8	1011.4	25.8	0.1	30.5	1.9	24	420	64 5	
SAO LUIZ	0232S	04417W	51		1005.0	1010.8	26.4	0.2	30.3	1.5	6	104	-173 0	
MANAUS	0308S	06001W	72		1002.7	1010.8	26.1	0.0	29.3	1.0	25	274	2 3	
FORTALEZA	0344S	03833W	19		1008.3	1011.4	27.3	0.3	29.3	1.5	9	52	-61 2	
BENJAMIN CONSTANT	0423S	07002W	65		1005.4	1012.5	25.1	-0.7	28.3	1.2	25	326	-43 3	
COARI	0405S	06305W	46		1003.2	1008.7	25.5	-0.6	33.5	3.1	25	198	-24 3	
BARRA DO CORDA	0530S	04516W	153		992.5	1012.2	26.6	1.4	28.8	0.2	10	118	-45 2	
SAO FELIX DO XINGU	0638S	05158W	150		990.3	1011.8	25.4		28.0		21	259		
CRUZEIRO DO SUL	0738S	07240W	170		978.3	1017.8	24.2	-0.9	28.5	0.0	24	415	146 5	
PORTO VELHO	0846S	06305W	95	31	1001.3	1008.2	24.8	-0.9	28.6	-0.9	17	167	-114 1	
CONCEICAO DO ARAGUAIA	0815S	04912W	160				26.0	0.4	32.6	4.4	16	116	-137 1	
RECIFE (CURADO)	0803S	03455W	7		1012.4	1013.3	26.6	0.0	28.3	2.4	13	51	-29 3	
RIO BRANCO	0958S	06748W	136				25.7		28.9		21	345		
PETROLINA	0923S	04029W	370		969.5				21.0	-1.0	4	20	-133 2	
PORTO NACIONAL	1031S	04843W	250		984.4	1011.4	25.8	0.4	27.6	0.5	21	256	20 4	
ARACAJU	1055S	03703W	6		1011.4	1012.1	26.0	-0.7	26.9	-1.0	8	97	57 5	
VILHENA	1244S	06008W	652		942.7	1010.4	23.8		26.7		23	263		
SAVADOR	1301S	03831W	51		1006.4	1012.2	26.6	0.5	27.8	1.3	3	21	-83 1	
BOM JESUS DA LAPA	1316S	04325W	440		961.3	1012.0	26.6	-0.2	24.1	0.4	4	27	-138 0	
CUTABA	1533S	05607W	179		993.0	1010.0	27.2	0.6	28.5	1.8	20	235	24 4	
BRASILIA	1547S	04756W	1158		886.8	1011.6	22.3	0.9	20.0	0.7	19	79	-171 1	
MONTES CLAROS	1643S	04352W	646		940.0	1011.3	25.0		21.6		6	57	2	
CARAVELAS	1744S	03915W	3		1013.0	1013.5	27.3	1.3	22.6	-4.7	2	270	165 5	
CORUMBA	1900S	05739W	130		992.2	1009.6	27.5	0.4	31.3	2.1	15	378	201 6	
BELO HORIZONTE	1950S	04356W	850		912.2	1011.8	24.2	1.6	20.4	-1.7	17	219	-65 3	
CAMPO GRANDE	2028S	05440W	560		951.8	1010.4	24.5	-0.3	25.8	0.6	21	508	269 6	
TRES LAGOAS	2047S	05138W	313		973.7	1010.9	27.2	-1.2	26.8	1.0	16	175	-51 2	
JUIZ DE FORA	2146S	04321W	939		910.6	1013.0	22.2	-0.1	22.0	1.7	17	287	6 3	

S AMER-BRAZIL

## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	DEPARTURE	TOTAL
S AMERICA	0°	0°	0	0	mb	mb	°C	°C	mb	mb	0	0	0
BRAZIL													
PONTA PORA	2232S	05544W	650	934.6	1009.2	24.4	0.7	24.4	0.7	12	105	-89	1
RIO DE JANEIRO	2255S	04310W	5	1012.0	1012.4	27.1	0.8	29.0	3.8	12	140	-7	3
LONDRINA	2323S	05111W	566	946.9	1010.2	24.4	0.7	25.0	14	205	-10	3	
SAO PAULO	2330S	04637W	792	923.4	1011.2	23.4	1.7	23.2	2.4	18	442	218	6
IGUAPE	2443S	04733W	3	1010.1	1010.6	26.5	1.4	29.5	2.8	15	362	115	5
CURITIBA	2526S	04916W	923	910.6	1012.3	21.9	1.6	20.7	1.2	11	88	-98	1
FLORIANOPOLIS	2735S	04834W	2	1011.1	1011.3	25.2	1.2	26.7	20	253	108	5	
ALEGRETE	2941S	05531W	121	995.3	1013.7	24.1	1.9	11	151	34	3		
PORTO ALEGRE	3001S	05113W	47	1005.5	1011.1	23.9	-0.4	23.4	0.7	14	170	73	5
ST. VITORIA DO PALMAR	3331S	05321W	24	1008.1	1012.4	22.5	0.0	21.1	0.2	5	46	-47	2
ECUADOR													
SAN CRISTOBAL (GALAPAGOS)	0054S	08936W	6	1008.9		25.4	0.2	29.9	3.8	12	140	87	5
IZOBAMBA-SANTA CATALINA	0022S	07833W	3058	706.8		12.5		11.1	16	115	3	175	110
NUEVO ROCAFUERTE	0055S	07524W	215			25.5		29.2	18	340		99	55
PORTO VIEJO-GRANJA	0102S	08026W	44	1004.5		26.7	0.7	26.7	14	71	5	4	60
PICHILINGUE	0106S	07928W	73	1001.4		24.7		28.5	25	505	5	68	90
EL PUYO	0130S	07757W	950			21.3		24.0	21	372	5	58	70
MILAGRO	0207S	07936W	13	31		26.3	0.3	28.0	1.4	24	473	242	5
CANAR	0233S	07856W	3120			11.6	0.4	11.8	5	26	-15	3	148
LOJA/LA ARGELIA	0402S	07912W	2040			16.0		14.0	12	65	2	113	100
PERU													
TUMBES	0333S	08024W	27	1009.3	1009.7	25.8		27.0		431			
IQUITOS	0345S	07315W	126	999.2	1012.6	25.8	-0.6	28.2	1.4	21	502	232	5
TALAR	0434S	08115W	90	1000.5	1010.5	25.8	1.9	23.6	2.8	1	2	-17	5
PIURA	0511S	08036W	55	1006.1	1012.3	27.1	-0.1	21.8	2.7	30	17	14	5
YURIMAGUAS	0554S	07605W	184	992.8	1013.7	26.0	-1.0	27.9	-0.2	12	32	-200	0
MOYOBAMBA	0602S	07658W	833	899.8	917.7	23.9	1.1	23.3	0.4	73	-91	1	
CHACHAPOYAS	0613S	07750W	2435	753.6		14.6	-1.0	1.0	-11.8	8	76	0	4
CHICLAYO	0647S	07950W	34	1004.0	1010.8	25.0	1.9	23.4	3.6	0	T	-6	3
TARAPOTO	0627S	07623W	282	981.7	1016.9	26.2	-0.9	26.1	-0.8	11	122	5	3
CAJAMARCA	0708S	07828W	2622	739.8		16.5	1.0	12.2	0.8	15	158	76	5
JUANJUI	0713S	07643W	363	977.9	1016.8	27.6	0.5	28.0	0.9	6	67	-39	2
TRUJILLO	0806S	07902W	30	1008.0	1011.0	23.2	2.3	23.0	2.6	6	17	9	5
PUCALLPA	0825S	07436W	149	992.9	1009.9	25.7	-1.4	28.0	0.0	11	114	-45	2
CHIMBOTE	0910S	07831W	21	1010.3	1011.5	24.4	1.3	23.6	4.1	0	0	-2	4
TINGO MARIA	0908S	07557W	665	939.9	1011.6	24.0	-0.1	24.6	0.2	27	628	252	5
ANTA (HUARAZ)	0921S	07736W	2760	736.5		18.8	2.0	13.2	1.3	16	119	-61	3
HUANUCO	0954S	07545W	1860	816.6		21.3	0.2	18.5	3.7	10	33	-33	2
LIMA-CALLAO/AEROPORTO INT.	1200S	07707W	13	1009.2	1010.7	23.6	1.9	22.9	2.4	0	0	-2	0
AYACUCHO	1308S	07413W	2749	732.6		18.3	1.7	12.3	-0.3	17	108	-10	3
PISCO	1345S	07617W	7	1008.5	1009.2	23.3	1.6	22.3	0.7	0	0	-1	4
SAN JUAN	1523S	07510W	60	1005.2	1013.2	23.3	1.2	23.4	3.6	1	1	0	5
JULIACA	1529S	07009W	3827	644.7		13.4	2.1	9.1	-0.1	22	192	69	5
AREQUIPA	1619S	07133W	2520	752.4		16.4	0.6	11.8	1.7	7	45	17	5
TACNA	1804S	07018W	458	957.7	1010.0	22.0	0.0	19.5	2.7	0	0	0	5
BOLIVIA													
COBIJA	1105S	06852W	252	29		26.5	0.6	20.6	-0.4	11	148	-61	2
RIBERALTA	1101S	06607W	135	30	1004.7	28.6	1.8	22.1	0.9	20	323	48	4
SAN JOAQUIN	1304S	06440W	140	28		27.7	0.9	21.2	-0.1	11	275	36	4
MAGDALENA	1320S	06409W	141	31	1008.5	27.8	0.6	22.1	0.9	9	113	-120	1
SANTA ANA	1343S	06535W	144	28	1009.5	27.7	0.3	21.8	0.4	11	178	-77	1
RURRENABAQUE	1429S	06729W	202	31	1005.5	27.6	0.8	21.7	0.0	23	377	79	4
TRINIDAD	1451S	06457W	157	31	1013.5	28.3	1.2	22.7	1.5	14	207	-110	2
CONCEPCION	1615S	06206W	497	29	1010.5	26.2	0.9	19.2	0.1	18	160	-16	3
LA PAZ/ALTO	1631S	06811W	4071	31	626.3	9.1	-0.1	6.3	0.4	26	209	66	5
SAN IGNACIO DE VELASCO	1622S	06057W	413	30	1007.6	26.7	1.4	22.3	4.1	15	123	-53	3
COCHABAMBA	1727S	06606W	2548	31	749.1	20.4	1.2	10.0	0.5	17	115	-3	3
ORURO	1803S	06704W	3702	31	653.2	12.9	0.0	7.3	1.5	17	166	81	5
SANTA CRUZ	1748S	06310W	414	31	1008.2	26.7	0.2	20.5	1.6	18	162	-35	3
ROBORE	1819S	05945W	265	31	1007.4	29.9	2.1	19.7	0.3	12	204	34	4
SUCRE	1901S	06516W	2903	31	720.0	17.5	1.4	9.6	-2.3	20	172	22	3
PUERTO SUAREZ	1900S	05744W	135	31	1008.7	28.7	0.8	21.6	0.8	15	296	143	6

S AMER-BOLIVIA

## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE		
S AMERICA	0°	0°	m	m	mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	
BOLIVIA														%	
CAMIRI	2003S	06334W	810	31			26.1	0.0	17.8	0.9	8	174	6	3	
YACUIBA	2201S	06342W	643	31			26.0	-0.9	19.2	-2.3	12	213	22	4	
CHILE															
ARICA	1821S	07020W	55	31	1005.7	1013.1	23.0	1.0	19.9	0.8	0	0	0	5	
ANTOFAGASTA	2326S	07027W	140	31	998.6	1012.6	20.5	0.6	19.0	1.4	0	1	1	5	
ISLA DE PASCUA	2710S	10926W	69		1014.6	1015.4	22.7	-0.6	21.0	-0.7	4	16	-56	0	
LA SERENA	2955S	07112W	146	31	997.0	1013.8	17.1	0.0	15.4	0.5	0	0	0	5	
ISLA ROBINSON CRUSOE	3337S	07850W	30	31	1014.6	1018.2	18.5	-0.1	14.9	-0.3	1	5	-27	1	
VALDIVIA	3938S	07305W	19	31	1012.7	1015.0	16.2	0.2	13.3	-0.9	2	5	-63	0	
PUERTO MONTT	4126S	07306W	90	31	1006.4	1016.3	14.6	0.3	12.0	-0.9	8	44	-34	2	
PUNTA ARENAS	5300S	07051W	44	31	992.7	997.0	10.3	-0.1	8.3	-0.1	7	34	-2	3	
PARAGUAY															
MARISCAL ESTIGARIBIA	2201S	06036W	181	31	991.3	1010.5	28.5	-0.7	25.2	2.8	12	256	152	6	
PUERTO CASADO	2217S	05752W	87	31	998.7	1008.7	28.1	-0.5	28.5	2.8	10	103	-27	3	
PEDRO JUAN CABALLERO	2235S	05539W	662		938.2		24.8	0.7	24.9		10	110	-64	1	
CONCEPCION	2325S	05718W	74	31	1000.3	1010.0	28.3	0.6	26.3	0.0	9	184	52	4	
PASO BARRETO	2303S	05659W	95		1000.3	1011.3	27.7		28.5		11	185			
ASUNCION/AEROPUERTO	2516S	05738W	101	31	999.6	1010.1	26.9	-1.5	35.1	11.2	8	149	-16	3	
VILLARRICA	2545S	05626W	161	31	992.7	1010.4	26.3	-0.7	26.7	2.9	8	164	-8	3	
PUERTO PRESIDENTE STROESSNER	2532S	05436W	196	31	988.2	1009.2	26.5	0.3	26.6	2.3	15	177	5	3	
PILAR	2651S	05819W	56	31	1004.5	1011.0	22.0	-5.7	27.7	2.7	12	218	57	4	
SAN JUAN BAUTISTA MISIONES	2640S	05709W	126		997.5	1020.9	26.5		27.1		13	229			
ENCARNACION	2719S	05550W	91	31	1001.8	1011.0	26.1	-0.4	25.0	1.4	11	204	67	5	
ARGENTINA															
LA QUIACA OBSERVATORIO	2206S	06536W	3459	31	673.1	3123	Z	12.4	-0.1	11.3	2.1	13	83	8	3
ORAN AERO	2309S	06419W	357	31	966.2	1005.7	26.0	0.1	28.4	2.4	12	469	296	6	
JIJUY AERO	2423S	06505W	904	31	909.0	1487	Y	23.5	1.2	23.5	3.0	14	287	102	5
SALTA AERO	2451S	06529W	1221	31	876.2	1483	Y	21.6	0.5	21.0	2.1	17	209	41	4
RIVADAVIA	2410S	06254W	205	31	982.9	1005.8	27.0	-1.0	28.1	0.0	13	261	145	5	
LAS LOMITAS	2442S	06035W	130	31	992.9	1007.6	27.7	0.0	28.6	5.7	10	316	204	6	
IGUAZU AERO	2544S	05428W	270	31	979.9	1009.4	25.7	1.2	26.3	1.0	12	193	10	3	
TUCUMAN AERO	2651S	06505W	450	31	957.0	1007.0	25.3		24.8		12	283		85	
SANTIAGO DEL ESTERO AERO.	2746S	06418W	199	31	984.1	1006.4	26.9	0.1	25.9	3.1	10	151	29	4	
PRESIDENCIA ROQUE SAENZ PENA	2649S	06027W	92	31	997.9	1008.1	27.0	-0.1	27.9	4.1	14	190	46	5	
RESISTENCIA AERO.	2727S	05903W	52	31	1003.3	1009.2	26.7	0.1	26.8	2.8	10	177	3	3	
FORMOSA AERO	2612S	05814W	60	31	1000.7	1007.6	27.3	-0.1	28.1	2.6	10	183	15	3	
CORRIENTES AERO.	2727S	05846W	62	31	1001.6	1008.6	26.8	0.0	26.8	3.0	8	168	-1	3	
POSADAS AERO.	2722S	05558W	125	31	994.2	1009.3	26.9	0.8	25.3	2.4	11	223	73	4	
LA RIOJA AERO.	2923S	06649W	429	31	957.5	1004.9	26.8	-0.8	23.9	3.4	9	132	68	5	
CATAMARCA AERO.	2836S	06546W	454	31	954.6	1004.7	27.0	-0.5	22.5	2.5	8	109	17	4	
CERES	2953S	06157W	88	31	998.2	1008.2	25.7	-0.2	23.9	1.1	7	128	2	4	
RECONQUISTA AERO	2911S	05940W	53	31	1002.5	1008.5	26.2	0.2	25.9	1.2	7	284	143	5	
PASO DE LOS LIBRES AERO	2941S	05709W	70	31	1000.6	1008.6	26.0	-0.3	23.1	1.0	6	96	-37	3	
JACHAL	3015S	06845W	1165	31	884.1	1510	Y	25.7	1.4	17.2	1.9	2	23	-18	3
SAN JUAN AERO	3134S	06825W	598	31	939.7	1004.9	27.9	1.5	18.0	2.9	6	23	7	4	
CHAMICAL AERO	3022S	06617W	461	31	956.4	1007.3	26.1	-1.3	21.7	3.5	2	170	87	6	
CHEPES	3120S	06636W	658	31	934.5	1006.3	26.0	-0.1	20.1	1.3	8	126	45	4	
VILLA DOLORES AERO	3157S	06508W	569	31	943.8	1006.1	26.8	2.0	19.1	1.6	8	121	13	4	
CORDOBA AERO	3119S	06413W	474	31	955.7	1008.9	23.8	0.4	20.6	1.0	11	135	18	4	
PILAR OBSERVATORIO	3140S	06353W	338	31	971.5	1009.7	23.8	0.4	20.9	2.5	9	105	-19	3	
PARANA AERO	3147S	06029W	78	31	1001.0	1009.9	26.1	1.2	22.2	1.7	5	95	-39	3	
CONCORDIA AERO	3118S	05801W	38	31	1005.9	1010.3	26.3	0.5	20.7	-0.3	8	81	-37	2	
MENDOZA AERO	3250S	06847W	704		930.2	1006.6	26.2	1.4	17.2	2.0	4	32	1	4	
SAN LUIS AERO	3316S	06621W	713		928.3	1006.0	26.2	2.1	17.2	2.2	7	772	676	6	
VILLA REYNOLDS AERO	3344S	06523W	486		954.7	1008.9	24.7	0.9	20.7	3.4	9	103	-27	3	
RIO CUARTO AERO	3307S	06414W	421		961.8	1009.3	23.4	0.4	20.5	2.9	8	140	26	4	
MARCOS JUAREZ AERO	3242S	06209W	114		993.9	1007.0	24.1		23.0		7	86	2	308	
ROSARIO AERO	3255S	06047W	25		1006.1	1009.0	25.2	1.2	22.0	1.5	9	41	-87	1	
GUALEGUAYCHU AERO	3300S	05837W	21		1006.9	1009.7	26.1	1.6	20.0	0.4	6	49	-76	2	
MALARGUE AERO	3530S	06935W	1425		855.7	1482	Y	20.9		11.0	1	4	2	323	
SAN RAFAEL AERO	3435S	06824W	748	31	925.3	1007.2	24.4	1.1	16.9	3.6	4	18	-27	2	
GENERAL PICO AERO	3542S	06345W	145		993.3	1009.9	25.3		20.5	8	160	5	222	95	

S AMER-ARGENTINA

## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE			
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	MEAN °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE	TOTAL hr	% OF AV.	
<b>S AMERICA</b>																	
ARGENTINA	0°	0°	m														
LABOULEY	3408S	06322W	137	31	993.8	1009.6	24.6	1.0	20.2	2.1	4	26	-77	1	319	105	
PEHUajo AERO	3552S	06154W	86		1000.3	1010.3	22.9	-0.1	20.1	2.2	13	150	55	5		95	
JUNIN AERO	3433S	06057W	81		1000.5	1009.8	23.3	0.2	19.4	0.5	4	100	-39	3	305	105	
EZEIZA AERO	3449S	05832W	20		1008.2	1010.5	24.3	-1.1	20.0	1.6	5	54	-57	2	182	75	
AEROPARQUE	3434S	05825W	6		1010.2	1010.9	25.1		22.2		6	50		2			
BUENOS AIRES (OBS. CENTRAL)	3435S	05829W	25		1008.1	1011.0	25.5	1.4	20.6	1.1	6	76	-51	2	276	94	
PUNTA INDIo B.A.	3522S	05717W	22		1008.6	1011.1	22.8				8	60	3	316		105	
GENERAL ACHA	3722S	06435W	219		984.2	1009.2	23.8	0.3	17.3		8	68	24	5	297		
SANTA ROSA AERO	3634S	06416W	191		987.9	1009.8	23.9	0.1	18.7	2.3	8	98	31	5	321	98	
AZUL AERO	3645S	05950W	132		995.7	1010.9	22.3	1.1	18.4	0.6	8	67	-35	2	274	90	
TANDIL AERO	3714S	05915W	175		991.2	1011.1	23.1		17.0		7	118	3	278			
DOLORES AERO	3621S	05744W	9	27	1010.1	1011.2	23.1	1.5	20.5	1.5	7	82	-17	3		95	
PIGUE AERO	3736S	06223W	304		975.8	1010.6	21.4	0.4	25.5	9.7	9	140	63	6	266	85	
TRES ARROYOS	3820S	06015W	115		997.8	1011.2	21.9	0.4	14.1	0.9	5	50	-10	2	312	105	
MAR DEL PLATA AERO	3756S	05735W	21		1009.0	1011.4	20.4	0.3	17.8	-0.1	7	81	-12	3		80	
NEUQUEN AERO	3857S	06808W	271		984.7	1008.8	24.4	2.1	19.8	9.5	2	4	-10	3	335	105	
RIO COLORADO	3901S	06405W	79		1000.5	1009.6	26.8										
BAHIA BLANCA AERO	3844S	06210W	83		1000.6	1010.2	24.8	1.9	13.8	0.4	4	17	-37	1	218	75	
CATEDRAL 2000	4111S	07137W	1955		801.3				3.9		2	21					
BARILOCHE AERO	4109S	07110W	840		917.4	1478	Y	15.6	1.6	8.1	-1.4	0	7	-28	1	373	110
MAQUINCHAO	4115S	06844W	888		911.5	1485	Y	20.2	2.7	15.5	7.7	0	0	-10	2		
SAN ANTONIO OESTE AERO	4044S	06457W	7		1007.0	1007.8	24.1	1.6	11.4	-0.6	3	5	-10	3	273	80	
VIEDMA AERO	4051S	06301W	7		1007.7	1008.5	23.2	1.5	13.1	1.1	3	22	-5	4	267		
ESQUEL AERO	4258S	07109W	785		919.9	1008.9	15.3	1.2	7.6	0.2	0	T	-27	1	310		
PASO DE INDIOS	4349S	06853W	460	27	956.9	1009.0	20.3	2.6	7.8	0.1	0	0	-9	2			
TRELEW AERO	4312S	06516W	43		1003.8	1008.8	22.1	1.5	9.3	0.8	0	0	-12	1			
COMODORO RIVADAVIA AERO	4547S	06730W	46		1000.5	1005.8	20.3	1.5	8.1	0.2	0	0	-19	0	273	105	
GOBERNADOR GREGORES AERO	4847S	07010W	356		960.9	1002.1	16.0	1.9	6.7	-0.2	2	12	-14	2	184	85	
PUERTO DESEADO AERO	4744S	06555W	80		995.8	1005.2	16.6	1.5	10.3	0.4	3	11	-14	2	251		
LAGO ARGENTINO AERO	5020S	07218W	220		975.8	1001.7	12.9	0.1	6.4	-0.3	7	9	-8	3	254	100	
SAN JULIAN AERO	4919S	06747W	62		961.6	1002.2	16.7	1.6	8.2	-0.2	6	11	-16	2	287		
SANTA CRUZ AERO	5001S	06834W	111		977.2	989.9	16.4	2.1	8.3	0.5	4	16	-5	3	195		
RIO GALLEGOS AERO	5137S	06917W	19		997.3	999.6	14.0	1.3	8.6	0.1	11	36	2	4	126	71	
RIO GRANDE B.A.	5348S	06745W	22	31	993.7	996.4	10.5		7.9		11	62					
USHUAIA B.A.	5448S	06819W	14		993.3	995.0	10.0	0.8	10.6	1.8	11	47	-4	3			
<b>ANTARCTICA</b>																	
ARGENTINA (ANTARCTIC)																	
ESPERANZA B.E.	6324S	05659W	13		987.0	988.5	1.1	0.6	5.0	-1.4	17	30		1	155		
ISLAS ORCADAS D.N. (OBSERVAT)	6045S	04443W	6		990.5	991.2	1.0	0.4	5.7	-0.5	5	17	-24	1	38	90	
GENERAL BELGRANO II B.E.	7752S	03437W	0		967.3	998.9	-1.9		3.7		2	8					
TENIENTE JUBANY E.C.	6214S	05838W	4		988.9	990.2	1.1		6.2			19			31		
CENTRO MET. ANTARTICO"VICECOM	6414S	05643W	198		964.9	989.0	-1.2	1.0	5.2		2	7			55		
GENERAL SAN MARTIN B.E.	6808S	06708W	4		982.3	982.8	1.9		4.4		0	T					
<b>SOUTH AFRICA (ANTARCTIC)</b>																	
S.A.N.A.E. STATION	7018S	00221W	62	31	990.1	997.3	-4.5	-0.7	0.8	-3.8							
<b>CHILE (ANTARCTIC)</b>																	
CENTRO MET. ANTARTICO"PDTE. ED	6215S	05856W	10	31	988.5	989.6	1.0		5.3		13	50					
BASE ARTURO PRAT	6230S	05941W	5	31	987.2	988.9	0.6		5.4		8	19					
BASE BERNARDO O'HIGGINS	6319S	05754W	10	31	987.6	988.8	0.4		4.5								
<b>FRANCE (ANTARCTIC)</b>																	
DUMONT D'URVILLE	6640S	14001E	43		990.9	996.3	0.1		4.3								
<b>SW PACIFIC</b>																	
MALAYSIA (PENIN. MALAYSIA)																	
PENANG/BAYAN LEPAS	0518N	10016E	4		1011.2	1011.6	27.5	0.7	26.4	2.2	2	15	-53	1	253	105	
KOTA BHARU	0610N	10217E	5	31	1012.5		25.8	0.2	26.4	0.9	10	34	-160	1	100		
KUALA LUMPUR/SUBANG	0307N	10133E	22		1009.7	1012.2	26.1	0.0	27.8	0.1	10	157	-11	3	150	79	
KUANTAN	0337N	10313E	16		1011.0	1012.8	24.5	0.1	26.9	0.4	15	434	230	5	133	75	
MALACCA	0216N	10215E	9		1010.9	1011.9	25.9	-0.1	27.5	0.6	11	62	-32	3	141	75	

SW PAC-SINGAPORE

## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	% OF AV.	
SW PACIFIC	0°	0°	#												
SINGAPORE															
SINGAPORE/CHANGI AIRPORT	0122N	10359E	16	31	1009.8	1011.7	25.5		27.9		14	569	5	75	
USA (PACIFIC OCEAN NORTH)															
LIHUE, KAUAI, HAWAII	2159N	15921W	45		1013.3	1018.6	22.0	0.2	18.3	-2.4	7	34	-126	1 176 99	
HONOLULU, OAHU, HAWAII	2121N	15756W	5		1017.3	1017.8	22.8	0.2	20.4	0.4	3	10	-85	1 236 106	
GUAM, MARIANA IS.	1333N	14450E	111		1000.1	1012.9	24.9	-0.2	31.6	5.8	15	67	-80	2 132 70	
HILO/GEN. LYMAN, HAWAII	1943N	15504W	11		1016.2	1017.6	22.1	0.2	19.7	-0.4	19	229	10	3 143 92	
TRUK, CAROLINE IS.	0728N	15151E	2		1009.7	1010.0	30.1	2.8	28.7	0.0	16	242	29	4 151 68	
PONAPE, CAROLINE ISLANDS.	0658N	15813E	46		1004.1	1009.1	27.6	0.5	29.0	0.7	20	451	158	5 137 80	
KWAJALEIN/BUCH. MARSHALL IS.	0844N	16744E	8		1009.4	1010.4	27.3	-0.1	27.7	0.1	13	100	-20	3	
MAJURO/MARSHALL IS. INT.	0705N	17123E	3		1009.5	1009.8	27.0	-0.1	28.9	2.2	12	159	-45	3 222 100	
KOROR, PALAU IS.	0720N	13429E	33		1007.0	1010.8	27.4	0.3	29.9	-0.4	22	232	-55	3 179 93	
YAP, CAROLINE IS.	0929N	13805E	17		1009.0	1010.9	26.9	0.0	28.3	-0.1	17	151	-54	3 237 124	
VANUATU															
PEKO AIRPORT(ESPIRITU-SANTO	1531S	16713E	56			1008.0	26.4	0.6	26.3		5	530	200	5	
BAUERFIELD (EFATE)	1742S	16818E	21			1009.0	25.1		25.6		18	740	249		
ANEITYUM	2014S	16946E	6			1010.9	24.8	-0.9	24.5		12	1306	986	6 263	
NEW CALEDONIA															
KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18		1007.8	1009.9	25.7	-0.2	24.4	-2.0	5	20	-140	1 309 136	
NOUMEA (NLLE-CALEDONIE)	2216S	16627E	72		1002.8	1011.1	24.8	-0.7	23.5	-1.7	3	24	-90	1 323 137	
NEW ZEALAND (KIRIBATI)															
TARAWA	0121N	17255E	4		1007.9	1008.3	28.0	0.1	30.5	2.0	14	449	154	5 154 40	
NEW ZEALAND (TUVALU)															
FUNAFUTI	0831S	17913E	2		1006.9	1007.1	28.0	0.0	31.1	0.4	22	399	2	3 116 95	
FIJI															
NANDI	1745S	17727E	18		1005.7	1007.8	27.0	0.1	25.9	-0.7	3	13	-297	0 329 160	
NAUSORI	1803S	17834E	7		1007.0	1008.1	25.7	-0.5	26.9	-1.0	11	205	-117	2	
NEW CALEDONIA (DETACHED IS.)															
HIHIFO (ILE WALLIS)	1314S	17610W	27		1003.8	1006.9	27.2	-0.2	29.9	-0.5	7	196	-123	1 268 140	
SAMOA															
APIA	1348S	17147W	2		1006.8	1007.1				29.4	-0.5	22	509	99	5 181 97
USA (SAMOA)															
PAGO PAGO/INT. AIRP.	1420S	17043W	3		1006.6	1006.9	27.6	0.5	31.2	1.5	26	433	114	4 153 95	
FRENCH POLY. (MARQUESAS)															
ATUONA	0948S	13902W	52	31	1003.8	1009.7	27.2	0.9	26.8	1.9	16	225	140	5 100	
FRENCH POLY. (SOCIETY IS.)															
BORA-BORA	1627S	15145W	3	31	1009.5	1009.8	28.3	1.3	30.8	3.2	12	172	-84	2 110	
TAHITI-FAAA	1733S	14937W	2	31	1009.9	1010.2	27.5	1.1	28.7	2.5	18	177	-164	2 105	
FRENCH POLY. (TUAMOTU IS.)															
TAKAROA	1429S	14502W	3	31	1010.1	1010.4	28.1	0.7	30.4	2.9	23	336	106	5 100	
HAO	1804S	14057W	3	31	1011.2	1011.6	27.7	0.8	29.6	0.8	13	77	-93	0 100	
HEREHERETUE	1952S	14500W	3	31	1011.3	1011.7	27.4	0.7	28.0	-0.4	14	134	-79	3 90	
RIKITEA	2308S	13458W	89	31	1004.3	1014.4	25.2	-0.5	26.2	-0.7	13	192	23	3 80	
FRENCH POLY. (AUSTRAL IS.)															
TUBuai	2321S	14929W	3	31	1011.9	1012.2	25.2	0.0	27.7	1.6	13	280	71	5 75	
RAPA	2737S	14420W	2	31	1013.9	1014.2	22.6	-0.6	22.1	-1.8	8	164	-123	2 100	
NEW ZEALAND															
KAITAIA	3508S	17316E	87		1004.2	1014.5	19.2		17.8	7		39	2	88	
AUCKLAND AIRPORT	3701S	17448E	6		1013.7	1014.5	20.1	0.7	17.4	0.2	10	55	-6	3 111	
GISBORNE AERODROME	3840S	17759E	8		1012.2	1013.2	20.0	1.2	15.8	-0.3	4	25	-35	1 289 115	
NEW PLYMOUTH AERODROME	3901S	17411E	36		1010.0	1013.7	18.2	0.8	16.1	-0.1	10	109	8	3 257 105	
WELLINGTON	4117S	17446E	128		996.1	1011.4	17.8	1.4	15.2	0.9	5	23	-63	1 290 124	

SW PAC-N ZEALAND

## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL
<b>SW PACIFIC</b>															
NEW ZEALAND	0°	0°	3	mb	mb	mb	°C	°C	mb	mb	3	3	3	hr	%
HOKITIKA AERODROME	4243S	17059E	40	1006.5	1011.7	16.5	1.2	15.4	0.8	14	460	240	5	232	112
CHRISTCHURCH AIRPORT	4329S	17233E	34	1004.8	1009.0	18.1	1.4	13.2	-0.1	3	20	-32	1	288	134
INVERCARGILL AERODROME	4625S	16820E	1	1007.5	1007.6	15.0	1.2	13.1	0.9	11	80	-16	3	182	92
CAMPBELL ISLAND	5233S	16909E	19	999.0	1001.3	11.1	1.8	11.4	1.2	16	161	45	4	76	81
CHATHAM ISLAND	4357S	17634W	48	1007.0	1012.7	15.8	1.3	15.6	2.1	4	38	-21	2	180	90
RAOUL ISLAND, KERMADEC IS.	2915S	17755W	49	1005.9	1011.7	21.6	-0.1	22.6	1.1	12	134	15	4	176	86
<b>AUSTRALIA</b>															
DARWIN AIRPORT	1224S	13052E	30	1003.7	1007.1	28.2	0.1	30.4	1.4	20	606	196	5	155	88
GOVE AIRPORT	1216S	13649E	54	1001.5	1007.6	28.4	29.7	15	369	15	369	11	4	168	
THURSDAY ISLAND	1035S	14213E	61	1002.1	1009.0	27.9	0.7	30.0	1.0	18	431	11	4		
BROOME AIRPORT	1757S	12213E	9	1004.5	1005.5	29.7	-0.1	29.8	1.4	11	233	59	4		
HALLS CREEK AIRPORT	1813S	12739E	424	958.7	1004.9	30.0	-0.3	23.5	2.0	14	165	17	4		
TENNANT CREEK AIRPORT	1938S	13410E	376	965.1	1006.3	31.1	0.8	21.6	3.4	10	104	13	3	254	90
CAIRNS AIRPORT	1653S	14545E	7	1008.2	1009.0	28.6	1.1	29.3	3.2	10	297	-137	2	274	
TOWNSVILLE AIRPORT	1915S	14645E	6	1008.9	1009.6	28.9	1.5	28.3	2.8	9	216	-90	3	313	140
WILLIS ISLAND	1618S	14959E	9	1008.3	1009.3	29.1	1.0	28.8	-1.5	4	57	-183	1		
CARNARVON AIRPORT	2452S	11340E	7	1007.5	1008.3	25.6	-1.2	19.5	-0.2	0	0	-16	2		
LEARMONTH AIRPORT	2214S	11405E	6	1006.1	1006.7	29.3	18.8	0	0	0					
PORT HEDLAND AIRPORT	2022S	11837E	11	1004.1	1004.8	30.5	-0.2	25.6	1.4	2	95	27	4		
ALICE SPRINGS AIRPORT	2348S	13354E	544	947.1	1006.8	30.0	1.4	11.6	-1.2	1	3	-39	2	307	97
MT ISA AIRPORT	2039S	13929E	342	973.3	1011.2	31.5	19.4	8	31	-92	2	293	100		
LONGREACH AIRPORT	2326S	14416E	193	985.3	1006.7	31.5	2.4	22.1	1.4	7	58	-44	2		
MACKAY	2107S	14913E	31	1006.3	1009.8	28.7	2.5	27.6	1.5	6	90	-305	1		
GLADSTONE	2351S	15116E	76	1002.2	1010.9	28.5	2.1	25.5	1.5	10	68	-119	1		
GERALDTON AIRPORT	2847S	11442E	34	1006.2	1010.1	22.9	-2.6	16.2	0.7	0	T	-6	2		
MEEKATHARRA AIRPORT	2636S	11831E	518	949.2	1005.5	30.1	-1.0	12.4	1.3	3	92	62	5		
GILES	2502S	12818E	599	941.7	1006.5	29.8	-0.5	13.5	2.0	8	79	53	5	297	95
CHARLEVILLE AIRPORT	2625S	14616E	304	974.3	1008.0	29.5	1.7	18.5	1.4	10	172	91	5		
MOREE	2928S	14951E	212	985.3	1009.1	28.2	1.7	20.0	1.6	8	73	-7	4	303	
BRISBANE AIRPORT	2726S	15305E	6	1010.2	1010.9	26.7	1.6	24.1	2.3	8	165	-17	3	252	105
PERTH AIRPORT	3156S	11557E	12	1010.5	1011.9	22.7	-1.8	12.9	-1.1	1	1	-5	2	349	105
KALGOORLIE AIRPORT	3046S	12127E	360	968.9	1009.2	25.5	-0.4	11.7	-0.8	6	110	84	5		
ESPERANCE	3349S	12153E	26	1011.0	1014.0	20.2	-0.6	14.1	-0.6	3	20	9	4		
FORREST AIRPORT	3050S	12806E	160	992.4	1010.7	23.8	0.0	12.4	-0.4	3	35	20	5	287	89
CEDUNA AIRPORT	3207S	13342E	17	1011.3	1013.3	20.5	-1.3	12.7	-1.1	5	20	10	5		
WOOMERA AERODROME	3109S	13648E	167	992.5	1011.5	25.5	-1.0	11.5	-1.5	4	26	8	4	289	86
ADELAIDE AIRPORT	3456S	13831E	4	1012.9	1013.4	19.1	-3.0	12.1	-1.1	4	20	1	3	306	100
MILDURA AIRPORT	3414S	14205E	53	1005.7	1011.8	22.1	-2.0	11.2	-2.0	2	10	-11	2		
COBAR	3129S	14549E	265	979.7	1009.4	27.0	0.7	10.1	-3.8	3	10	-44	2	335	
SYDNEY AIRPORT	3357S	15111E	3	1009.6	1010.1	23.5	0.8	20.1	1.7	5	53	-67	2	251	110
WILLIAMTOWN AERODROME	3247S	15149E	11	1008.9	1010.2	24.3	1.6	22.4	2.7	9	92	-28	3	242	107
COFFS HARBOUR AIRPORT	3019S	15307E	5	1010.0	1010.7	24.5	1.6	22.7	1.1	7	103	-96	2	231	105
ALBANY AIRPORT	3457S	11748E	69	1005.9	1010.0	18.1	-1.5	13.5	-1.4	2	11	-9	2		
MT GAMBIER AIRPORT	3744S	14047E	69	1003.9	1012.0	15.9	-2.2	11.9	-1.0	1	4	-20	1	245	85
LAVERTON AERODROME	3751S	14444E	14	1009.2	1010.6	17.6	-2.2	12.4	-1.5	6	105	64	5	290	115
EAST SALE AERODROME	3806S	14708E	8	1009.0	1009.9	17.8	-1.2	12.9	-1.8	4	42	-5	3	292	115
WAGGA AIRPORT	3509S	14727E	213	985.3	1009.5	21.3	-2.1	11.7	-2.9	2	16	-29	2	345	
CANBERRA AIRPORT	3518S	14911E	577	943.6	1008.4	20.5	0.4	12.7	-1.0	3	27	-33	2	345	124
HOBART AIRPORT	4250S	14730E	3	1004.7	1005.1	16.3	-0.6	10.8	-1.2	8	36	-2	3	240	100
<b>AUSTRALIA (ADDITIONAL IS.)</b>															
LORD HOWE ISLAND	3131S	15905E	46	1007.9	1013.2	23.0	0.5	21.5	0.8	7	53	-46	2		
NORFOLK ISLAND AIRPORT	2902S	16756E	109	1001.3	1013.8	21.5	-0.2	19.6	-0.2	9	60	-37	3	275	115
MACQUARIE ISLAND	5429S	15856E	6	995.7	996.4	8.1	1.2	9.3	0.1	13	109	25	5	119	115
<b>MALAYSIA (SABAH &amp; SARAWAK)</b>															
KUCHING	0129N	11020E	27	1009.1	1011.7	25.3	0.0	28.8	-0.4	27	795	109	4	631	
KOTA KINABALU	0556N	11603E	3	1010.3	1010.6	26.2	0.5	27.6	-0.4	4	31	-108	1	211	105
<b>ISLANDS</b>															
COCOS ISLAND AIRPORT	1211S	09649E	3	1010.5	1010.8	26.7	-0.3	26.6	-0.3	8	59	-145	1		
<b>PHILIPPINES</b>															
BASCO	2027N	12158E	11	1016.8	1018.0	22.6	0.4	22.0	0.5	14	107	-64	2		

SW PAC-PHILIPPINES

## SURFACE

JANUARY 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE	PRECIPITATION			SUN- SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	
SW PACIFIC PHILIPPINES	0°	0°	0	n.b.	0°C	0°C	n.b.	n.b.	n.b.	n.b.	0	0	3	268 80
LAOAG	1811N	12032E	5	1013.8	1014.4	24.1	22.0	-0.1	24.9	1.1	12	108	-27 2	
APARRI	1822N	12138E	4	1009.9	1010.2	23.3	23.9	-0.1	15.0	0	8	10	-7 0	
TUGUEGARAO	1737N	12144E	24	1009.9	1016.9	23.9	25.4	-0.7	22.0	-1.9	0	0	1 247	
DAGUPAN	1603N	12020E	2	1014.7	1014.9	25.4	22.0	-0.7	26.4	-0.6	18	111	-188 1	
BAGUIO	1625N	12036E	1501	853.8	1013.4	16.2	16.0	0	29.8	4.7	1	4	-9 3	
MANILA INTERNATIONAL AIRPORT	1431N	12100E	15	1015.2	1016.4	24.9	24.9	-0.7	26.4	-0.6	18	207	-40 3	
LEGASPI	1308N	12344E	17	1012.1	1014.0	25.7	26.4	0.3	26.4	-0.8	18	30	-14 3	
TACLOBAN	1115N	12500E	21	1012.7	1013.0	25.4	26.4	-0.6	26.4	-0.3	8	41	1	
ILOILO	1042N	12234E	8	1012.2	1013.1	26.4	26.4	0.6	28.1	-0.3	5	16	-32 2 253	
TAGBILARAN	0936N	12351E	6	1011.7	1012.4	26.1	26.4	0.3	32	24	312	-259 1		
MACTAN	1018N	12358E	9	1011.5	1012.9	26.7	26.4	0.3	41	5				
SURIGAO	0948N	12530E	0	1006.3	1012.6	25.9	28.1	-0.3	24	24				
ZAMBOANGA	0654N	12204E	6	1010.6	1011.3	27.8	26.4	-1.1	30	5				
SHIP SITE														
OCEAN WEATHER STATIONS														
CHARLIE	5245N	03530W	0	1002.3		5.1	7.5				15	76		
MIKE	6600N	00200E	0		1018.5	S 5.5 2.5 S 6.6								

## EUROPE-USSR

## SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN mb	STATION mb	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE	TOTAL hr
FEB 1986	0°	0°	3													
EUROPE																
USSR																
MINSK	5352N	02732E	234		987.9	1018.6	-15.3	-8.9	1.8	-1.8	9	39	7	4	67	
S AMERICA																
BRAZIL																
TRINADE (ILHA)	2030S	02919W	5		1014.7	1015.2	27.5	0.0	27.5	-0.2	8	75	41	6		
MAR 1986																
AFRICA																
IVORY COAST																
ODIENNE	0930N	00734W	421		962.2	1008.5	27.6	-0.9	22.2	2.1	4	29	-18	3	232	
KORHOGO	0925N	00537W	382		966.3	1008.2	29.2	0.2	19.3	0.1	1	2	-51	1	227	
BONDOUKOU	0803N	00247W	373		967.6	1008.7	27.7	0.0	24.9	0.9	5	91	-23	3	207	
MAN	0723N	00731W	340				25.9	-0.2	26.3	1.3	4	87	-9	3	213	
BOUAKE	0744N	00504W	376		968.0	1009.3	26.8	-0.8	24.9	0.9	4	51	-36	1	185	
GAGNOA	0608N	00557W	214		986.2	1010.1	26.3	-0.8	27.1	-0.4	9	74	-44	2	167	
DALOA	0652N	00628W	276		979.2	1010.0	26.7		25.5		8	71	-42	2	200	
YAMOUSSOUKRO	0654N	00521W	213		999.3	1009.6	28.1	-0.8	27.5	0.0	8	99	-8	3	204	
ABIDJAN	0515N	00356W	11		1009.0	1009.9	27.2	-0.4	31.0	-0.3	7	153	38	4	192	
ADIAKE	0518N	00318W	40		1007.0	1011.5	27.1	-0.2	29.4	-0.7	7	85	-34	2	182	
TABOU	0425N	00722W	21		1006.7	1009.0	26.3	-0.4	29.9	-0.4	3	45	-50	2	197	
SAN PEDRO	0445N	00639W	30		1006.4	1009.7	26.4		29.1		4	143			205	
SASSANDRA	0457N	00605W	66				26.0	-0.8	29.4	-0.6	6	98	33	5	216	
S AMERICA																
BRAZIL																
TRINADE (ILHA)	2030S	02919W	5		1015.5	1015.9	27.9	0.4	26.6	-0.9	14	49	-28	3		
APR 1986																
AFRICA																
IVORY COAST																
ODIENNE	0930N	00734W	421		961.3	1007.4	28.8	0.6	23.7	-1.0	3	7	-79	0	218	
KORHOGO	0925N	00537W	382		965.6	1007.5	28.9	0.5	25.3	1.0	4	88	-10	3	228	
BONDOUKOU	0803N	00247W	373		966.9	1008.0	27.7	0.5	27.2	0.9	6	77	-55	1	221	
MAN	0723N	00731W	340				26.2	0.3	27.5	1.4	7	75	-83	1	217	
BOUAKE	0744N	00504W	376		969.4	1008.7	26.8	-0.3	26.8	0.8	9	157	35	4	228	
GAGNOA	0608N	00557W	214				27.0	0.0	30.0	1.8	8	154	-6	3	216	
YAMOUSSOUKRO	0654N	00521W	213		998.6	1008.9	28.7	0.2	29.0	0.7	7	39	-107	1	237	
ABIDJAN	0515N	00356W	11		1008.1	1009.0	28.5	0.8	32.4	1.2	10	165	2	3	166	
ADIAKE	0518N	00318W	40		1006.1	1010.6	27.6	0.3	30.5	0.3	9	162	0	3	223	
TABOU	0425N	00722W	21		1005.9	1008.2	26.9	0.1	31.4	1.0	8	103	-36	2	208	
SAN PEDRO	0445N	00639W	30		1005.6	1009.0	27.3		30.5		6	134			226	
SASSANDRA	0457N	00605W	66				27.0	0.2	30.7	0.6	8	102	-13	3	229	
S AMERICA																
BRAZIL																
TRINADE (ILHA)	2030S	02919W	5		1013.9	1014.4	26.8	0.1	26.3	0.0	14	188	108	6		
MAY 1986																
AFRICA																
BURKINA FASO																
DORI	1402N	00002W	277	31	976.3	1006.4	35.1	1.4	17.7	-2.1	3	19	-7	2	102	
OUAHIGOUYA	1334N	00225W	336	31	970.0	1006.4	34.4	1.5	16.1	-4.2	2	18	-13	2		
OUAGADOUGOU	1221N	00131W	306	31	973.6	1007.0	32.7	1.5	22.7	-0.7	4	87	-1	3	102	
FADA N'GOURMA	1202N	00022E	309	31	973.8	1007.6	32.1	1.3	23.8	-0.5	5	48	-37	2	103	

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DEPARTURE mm	QUINTILE	TOTAL mm	% OF AV.
MAY 1986	0°	0°	m											
AFRICA														
BURKINA FASO														
BOBO-DIOULASSO	1110N	00419W	460	31	958.2	1008.7	28.9	0.3	24.0	0.1	8	140	29	4
BOROMO	1145N	00256W	271	31	978.1	1007.9	31.6	1.1	23.3	-0.8	7	32	-58	1
GAOUA	1020N	00311W	335	31	972.0	1008.9	29.1	0.5	25.4	-0.7	9	81	-38	2
IVORY COAST														
ODIENNE	0930N	00734W	421		962.9	1009.4	27.2	0.1	26.6	0.2	9	178	56	5
KORHOGO	0925N	00537W	382		967.1	1009.2	28.2	1.1	26.0	-0.2	8	127	-14	3
BONDOUKOU	0803N	00247W	373		968.3	1009.7	27.0	0.7	27.3	0.5	11	132	-19	2
MAN	0723N	00731W	340				25.7	0.1	27.2	0.5	13	165	16	4
BOUAKE	0744N	00504W	376		968.8	1010.1	26.4	0.1	26.5	0.0	10	93	-38	2
GAGNOA	0608N	00557W	214				26.2	-0.2	30.0	1.7	13	203	22	4
DALOA	0652N	00628W	276		980.1	1010.9	26.0		27.1		10	135	-20	2
YAMOUSSOUKRO	0654N	00521W	213		1000.0	1010.4	27.6	-0.3	29.0	0.9	11	174	14	4
ABIDJAN	0515N	00356W	11		1009.6	1010.5	27.9	0.7	31.6	1.0	12	155	-168	1
ADIAKE	0518N	00318W	40		1007.6	1012.1	26.9	0.1	30.4	0.4	14	147	-173	1
TABOU	0425N	00722W	21		1007.3	1009.7	26.5	0.3	31.7	2.3	17	348	-70	2
SAN PEDRO	0445N	00639W	30		1007.0	1010.4	26.9		30.2		12	144		211
SASSANDRA	0457N	00605W	66				26.6	0.3	28.9	-1.0	10	202	-78	3
S AMERICA														
BRAZIL														
TRINADE (ILHA)	2030S	02919W	5		1017.0	1017.5	26.9	1.3	25.6	1.2	10	40	-44	2
JUN 1986														
AFRICA														
BURKINA FASO														
DORI	1402N	00002W	277	30	979.0	1009.3	33.8	2.1	21.1	-2.2	2	34	-46	1
OUAHIGOUYA	1334N	00225W	336	30	972.6	1009.4	31.7	1.0	21.1	-2.5	5	62	-24	2
UPPER VOLTA														
OUAGADOUGOU	1221N	00131W	306	30	976.5	1010.3	30.0	1.1	23.3	-2.0	8	83	-41	2
BURKINA FASO														
FADA N'GOURMA	1202N	00022E	309	30	976.7	1011.1	28.8	0.3	25.1	-0.3	14	176	56	5
BOBO-DIOULASSO	1110N	00419W	460	30	961.0	1012.0	26.2	-0.5	24.8	-0.1	13	193	67	6
BOROMO	1145N	00256W	271	30	981.1	1011.3	28.5	0.3	24.8	-0.8	11	156	42	5
GAOUA	1020N	00311W	335	30	974.7	1012.1	26.6	-0.2	25.6	-0.6	11	203	64	5
IVORY COAST														
ODIENNE	0930N	00734W	421		964.4	1011.2	25.9	-0.1	21.2	-4.5	9	118	-53	2
KORHOGO	0925N	00537W	382		969.1	1011.6	25.8	0.2	25.9	0.1	10	167	11	3
BONDOUKOU	0803N	00247W	373		970.3	1012.0	25.3	0.4	26.3	0.3	8	185	20	4
MAN	0723N	00731W	340				24.5	-0.1	26.3	0.3	9	169	-29	3
BOUAKE	0744N	00504W	376		970.7	1012.4	24.8	-0.3	25.9	0.1	6	92	-53	2
GAGNOA	0608N	00557W	214				25.0	-0.3	28.0	0.6	10	48	-158	0
DALOA	0652N	00628W	276		981.9	1012.9	25.0		26.0		10	43	-139	0
YAMOUSSOUKRO	0654N	00521W	213		1002.2	1012.5	26.3	-0.3	28.0	0.1	6	74	-111	1
ABIDJAN	0515N	00356W	11		1011.9	1012.8	26.5	0.6	29.0	-0.2	19	609	-22	3
ADIAKE	0518N	00318W	40		1009.8	1014.3	25.4	0.0	28.0	-0.8	18	205	-379	0
TABOU	0425N	00722W	21		1009.0	1011.3	25.6	0.1	28.7	0.2	13	358	-180	2
SAN PEDRO	0445N	00639W	30		1009.3	1012.7	25.5		28.1		18	429		97
SASSANDRA	0457N	00605W	66				25.3	0.3	27.5	-0.8	17	668	77	4
JUL 1986														
AFRICA														
UPPER VOLTA														
DORI	1402N	00002W	277	31	979.7	1010.4	29.6	0.9	23.7	-2.0	7	61	-96	0
OUAHIGOUYA	1334N	00225W	336	31	973.3	1010.7	27.3	-0.7	24.0	-1.8	10	148	-36	3

## AFRICA-UPPER VOLTA

## SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL MM	DEPARTURE MM	QUINTILE
JUL 1986	0°	0°	3											
AFRICA														
UPPER VOLTA														
OUAGADOUGOU	1221N	00131W	306	31	977.2	1011.4	26.6	-0.5	25.0	-1.3	11	177	-11	3 93
FADA N'GOURMA	1202N	00022E	309	31	977.1	1011.8	25.8	-0.8	26.2	-0.1	11	185	-18	3 110
BOBO-DIOULASSO	1110N	00419W	460	31	961.1	1012.6	23.8	-1.5	24.6	-0.5	14	283	52	4 90
BOROMO	1145N	00256W	271	31	981.5	1012.0	25.8	-0.7	25.6	-0.6	10	215	18	4
GAOUA	1020N	00311W	335	31	974.9	1012.4	24.9	-0.8	25.1	-0.8	15	157	-28	3
IVORY COAST														
ODIENNE	0930N	00734W	421		966.2	1013.2	24.4	-0.5	25.6	0.2	10	110	-183	0 178
KORHOGO	0925N	00537W	382		970.6	1013.3	24.8	0.3	25.0	-0.1	10	197	11	3 172
BONDOUKOU	0803N	00247W	373		972.1	1014.0	23.9	-0.1	25.0	-0.3	3	68	-19	3 100
MAN	0723N	00731W	340				22.8	-0.7	25.1	0.0	10	154	-36	2 81
BOUAKE	0744N	00504W	376		972.5	1014.5	23.4	-0.5	25.2	0.3	8	260	142	5 99
GAGNOA	0608N	00557W	214		990.1	1014.3	24.0	-0.5	25.7	-0.1	3	8	-98	0 78
DALOA	0652N	00628W	276		983.9	1015.1	23.6	23.9		5	56	-61	2 82	
YAMOUSSOUKRO	0654N	00521W	213		1004.3	1014.8	25.2	-0.5	26.1	-0.4	6	62	-63	2 88
ABIDJAN	0515N	00356W	11		1014.2	1015.1	25.0	0.0	27.7	0.2	11	135	-177	2 105
ADIAKE	0518N	00318W	40		1012.1	1016.6	24.3	-0.3	27.0	0.0	13	254	44	4 70
TABOU	0425N	00722W	21		1011.1	1013.4	24.2	-0.8	25.3	-1.3	2	7	-173	0 86
SAN PEDRO	0445N	00639W	30		1011.9	1015.3	24.4		25.2		6	48		80
SASSANDRA	0457N	00605W	66				24.2	-0.1	25.6	-1.1	12	71	-128	2 89
AUG 1986														
AFRICA														
BURKINA FASO														
DORI	1402N	00002W	277	31	979.6	1010.5	28.4	0.7	26.3	-0.5	14	300	113	5 92
OUAHIGOUYA	1334N	00225W	336	31	973.1	1010.5	27.0	0.0	25.1	-1.7	14	133	-76	1
OUAGADOUGOU	1221N	00131W	306	31	976.8	1011.0	26.6	0.5	26.2	-0.6	14	156	-92	0 111
FADA N'GOURMA	1202N	00022E	309	31	976.7	1011.3	25.8	0.2	27.5	0.6	16	188	-85	1 111
BOBO-DIOULASSO	1110N	00419W	460	31	960.6	1011.9	24.3	-0.4	25.7	0.2	18	427	108	5 110
BOROMO	1145N	00256W	271	31	981.0	1011.5	25.9	0.0	26.7	-0.1	17	232	-24	2
GAOUA	1020N	00311W	335	31	974.3	1011.8	24.9	-0.4	26.3	0.1	17	267	49	4
SEP 1986														
AFRICA														
IVORY COAST														
ODIENNE	0930N	00734W	421		965.0	1012.2	24.3	-0.5	25.2	-0.3	17	171	-105	1 163
KORHOGO	0925N	00537W	382		969.4	1012.0	24.9	0.3	26.0	0.3	15	321	68	5 183
BONDOUKOU	0803N	00247W	373		970.7	1012.5	24.0	-0.1	25.7	0.3	11	114	-66	1 115
MAN	0723N	00731W	340				23.9	-0.2	26.4	0.7	19	338	33	3 151
BOUAKE	0744N	00504W	376				24.1	-0.5	26.0	0.1	12	150	-27	3 129
GAGNOA	0608N	00557W	214		988.0	1012.2	25.1	0.0	27.0	0.3	11	194	30	4 141
DALOA	0652N	00628W	276		982.2	1013.3	24.6		26.8		14	270	10	4 154
YAMOUSSOUKRO	0654N	00521W	213		1002.6	1013.0	26.0	-0.3	24.7	-2.2	8	191	57	4 121
ABIDJAN	0515N	00356W	11		1012.7	1013.6	24.5	-0.1	28.2	0.6	6	56	-8	4 143
ADIAKE	0518N	00318W	40		1010.6	1015.1	24.8	0.0	27.4	0.3	7	83	-26	3 105
TABOU	0425N	00722W	21		1008.9	1011.2	24.8	0.2	28.3	0.5	19	256	21	4 80
SAN PEDRO	0445N	00639W	30		1009.9	1013.3	24.8		28.2		9	97		93
SASSANDRA	0457N	00605W	66				24.5	0.1	27.3	0.5	6	116	30	4 124
S AMERICA														
GUYANA														
GEORGETOWN	0648N	05809W	2		1012.2	1012.6	28.3	0.4	29.1	-0.2	5	29	-91	1 256
TIMEHRI	0630N	05815W	30		1009.2	1012.6	26.6	0.6	27.3	-0.9	10	144	-12	4 233

S AMER-POLAND

## SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL	% OF AV.
OCT 1986	0°	0°	m	mb	mb	mb	°C	°C	mb	mb	m	m	m	hr	%	
EUROPE															140	
POLAND																
WROCŁAW II	5106N	01653E	121													
ITALY																
UDINE/RIVOLTO	4559N	01302E	53	31	1014.0	1020.0	14.0	0.8	12.0	0.8	4	77	-39	3		
VERONA/VILLAFRANCA	4523N	01052E	68	31	1012.0	1020.0	13.7	0.8	12.7	0.6	3	39	-35	2		
VENEZIA/TESSERA	4530N	01220E	6	31	1019.0	1020.0	13.5	-0.1	12.3	0.0	3	28	-50	2	122	
TRIESTE	4539N	01345E	20	31	1017.0	1019.0	15.9	1.0	11.7	0.9	5	57	-31	3	131	
PISA/S. GIUSTO	4341N	01023E	1	31	1018.0	1019.0	16.4	1.4	12.7	0.0	1	9	-115	0	122	
FALCONARA	4337N	01322E	10	31	1017.0	1019.0	15.6		14.3		3	63				
PESCARA	4226N	01412E	11	31	1017.0	1018.0	15.8	0.8	14.4	1.0	4	70	-12	2	102	
ROMA/FIUMICINO	4148N	01214E	3	31	1017.0	1018.0	17.9	1.5	13.8	-0.5	2	51	-31	2		
NAPOLI/CAPODICHINO	4051N	01418E	72	31	1010.0	1019.0	18.0	2.1	15.5	2.0	8	61	-62	2		
BRINDISI	4039N	01757E	10	31	1017.0	1018.0	18.8	0.8	17.2	1.1	4	55	-18	3	99	
MARINA DI GINOSA	4026N	01653E	12	31	1016.0	1018.0	17.9	0.9	15.7	0.8	3	21	-35	2		
MESSINA	3812N	01533E	51	31	1012.0	1018.0	20.9	1.5	17.6	1.9	12	80	-34	2	96	
TRAPANI/BIRGI	3755N	01230E	14	31	1017.0	1018.0	20.4	1.7	20.1	3.0	6	50	-16	3	83	
CATANIA/FONTANAROSSA	3728N	01503E	17	31	1016.0	1018.0	19.7	1.3	17.0	2.0	7	91	-45	3		
ALGHERO	4038N	00817E	40	31	1015.0	1019.0	18.9	1.0	18.3	2.9	8	41	-36	3	90	
CAGLIARI/ELMAS	3915N	00903E	18	31	1018.0	1018.0	19.8	2.0	18.7	3.0	7	71	10	4	88	
S AMERICA																
GUYANA																
GEORGETOWN	0648N	05809W	2		1011.0	1011.4	27.1	-0.9	28.2	-1.3	15	179	66	5	181	
TIMEHRI	0630N	05815W	30		1008.3	1011.8	25.8	-0.5	28.1	-0.4	18	301	140	6	168	
BRAZIL																
ARACAJU	1055S	03703W	6		1012.9	1013.6	26.7	0.9	25.6	-0.9	19	216	159	6		
BOM JESUS DA LAPA	1316S	04325W	440		962.0	1012.8	26.3	-0.3	20.6	1.2	6	122	47	4		
NOV 1986																
EUROPE																
ITALY																
MILANO/LINATE	4526N	00917E	103		1011.3	1024.5	7.2	0.6	8.9	0.2	5	60	-51	2	86	
ASIA																
AFGHANISTAN																
MAZAR-I-SHARIF	3642N	06712E	378	30	978.4	1024.0	10.6	0.6	6.2	-0.8	2	9	-2	3	88	
HERAT	3413N	06213E	964	30	908.8	1020.0	11.0	1.6	4.8	-1.0	6	18	7	4	127	
CHAKHCHARAN	3432N	06516E	2230	30	779.0	1521	Y	1.9	0.4	3.9	0.2	4	22	6	4	85
KABUL AIRPORT	3433N	06913E	1791	30	823.6	1532	Y	7.7	1.6	5.7	1.4	3	27	15	5	91
AFRICA																
COTE D'IVOIRE																
ODIENNE	0930N	00734W	421		963.5	1010.5	24.1	-1.2	22.5	0.0	4	33	-22	3	240	
KORHOGO	0925N	00537W	381		967.8	1010.2	25.9	-0.6	20.2	-0.8	2	51	19	4	270	
BONDOUKOU	0803N	00247W	370		968.7	1010.3	25.5	-0.1	23.5	-1.1	2	20	-18	3	209	
MAN	0723N	00731W	340				23.6	-0.9	24.5	-0.7	3	28	-22	3	229	
BOUAKÉ	0744N	00504W	376				25.3	-0.4	22.7	-2.2	2	11	-21	2	213	
GAGNOA	0608N	00557W	210		986.0	1010.0	25.6	-0.5	27.3	-0.1	2	13	-95	0	198	
DALOA	0652N	00628W	277		980.4	1011.4	25.3		25.0		1	29	-22	2	205	
DIMBOKRO	0639N	00442W	92		1000.5	1010.9	26.6	-0.7	27.3	-0.5	4	16	-45	1	182	
YAMOUSSOUKRO	0654N	00521W	213		986.5	1010.5	25.0		25.2		2	10			165	
ADIAKE	0518N	00318W	39		1008.0	1013.0	26.0	-0.4	29.3	0.2	10	79	-90	1	202	
TABOU	0425N	00722W	21		1006.2	1008.5	25.5	-0.5	29.6	0.4	13	140	-64	2	196	
SAN PEDRO	0445N	00639W	30		1007.5	1010.9	25.8		29.0		13	153			171	
SASSANDRA	0457N	00605W	66				25.8	-0.2	28.9	-0.1	6	42	-110	1	222	

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	
NOV 1986	0°	0°	3												
AFRICA															
MADAGASCAR															
DIEGO-SUAREZ	1221S	04918E	105												
TULEAR	2323S	04344E	8												
S AMERICA															
GUYANA															
GEORGETOWN	0648N	05809W	2		1010.1	1010.5	26.6	-0.9	29.0	-0.3	20	143	-68	2	
TIMEHRI	0630N	05815W	30		1007.1	1010.6	25.6	-0.2	27.9	-0.5	18	206	21	4	
DEC 1986															
EUROPE															
GERMAN DEMOCRATIC REPUBLIC															
WARNEMUENDE	5411N	01205E	10	31	1010.1	1011.3	3.0	0.9	6.6	-0.1	13	63	13	4	
GREIFSWALD	5406N	01324E	6	31	1010.6	1011.4	2.2	0.9	6.2	-0.2	15	61	15	4	
POTSDAM	5223N	01304E	100	31	1001.7	1014.2	1.7	0.9	6.1	-0.1	16	122	72	5	
LINDENBERG	5213N	01407E	112	31	1000.3	1014.3	1.2	0.6	6.0	-0.1	19	128	83	6	
LEIPZIG-SCHKEUDITZ	5125N	01214E	133	31	999.3	1016.0	2.3	1.1	6.4	0.2	9	61	24	5	
DRESDEN-KLOTZSCHE	5108N	01347E	226	31	988.1	1016.2	1.9	-0.1	5.9	-0.4	18	153	86	5	
GOERLITZ	5110N	01457E	238	31	986.4	1016.1	0.9	0.6	5.7	0.0	17	144	92	5	
MEININGEN	5034N	01023E	453	31	962.7	1018.4	0.5	1.3	5.7	0.4	15	70	24		
ERFURT-BINDERSLEBEN	5059N	01058E	323	31	977.1	1017.1	1.9	1.5	6.0	0.2	9	41	10	4	
FICHTELBERG	5026N	01257E	1215	31	874.0	1436	Y	-3.0	1.0	4.4	0.0	19	126	14	4
YUGOSLAVIA															
ZAGREB/GRIC	4549N	01559E	162	31	1001.0	1020.6	0.5	-1.5	5.1	-0.5	4	31	-37	1	
BEOGRAD	4448N	02028E	132	31	1004.7	1021.3	1.0	-1.6	5.0	-0.9	2	21	-39	1	
SPLIT/MARJAN	4331N	01626E	128	31	1003.7	1019.7	7.9	-1.3	5.3	-1.6	3	39	-78	1	
SARAJEVO	4352N	01826E	637	31	945.1	1023.2	-1.6	-2.4	5.3	0.3	7	40	-56	1	
TITOGRAD/GOLUBOVCI	4222N	01915E	33	31	1013.8	1020.1	4.1	-2.8	5.7	-0.6	5	120	-105	2	
SKOPJE-PETROVAC	4158N	02139E	239	31	992.6	1023.1	-1.9	-3.6	4.3	-1.6	5	11	-36	1	
ROMANIA															
BISTRITA	4709N	02431E	367		975.7	1022.4	-5.7	-4.5	4.1	-0.8	10	54	6	4	
IASI	4710N	02738E	104		1006.1	1019.2	-0.3	0.3	4.2	-1.3	3	22	-8	3	
CLUJ-NAPOCA	4647N	02334E	413		969.4	1021.3	-4.1	-3.1	4.1	-0.9	4	21	-9	2	
TIMISOARA	4546N	02115E	88		1011.0	1022.2	-1.5	-2.7	5.0	-0.9	6	40	-12	2	
SIBIU	4548N	02409E	444		966.2	1021.9	-3.8	-3.3	4.2	-1.0	2	13	-16	2	
SULINA	4509N	02940E	9		1017.3	1018.5	0.8	-2.2	5.8	-1.2	7	19	-14	3	
ISRAEL															
BEN-GURION INT. AIRPORT	3200N	03454E	49		1014.1	1018.8	11.9	-2.2	10.6	-0.1	11	115	-47	2	
JERUSALEM	3147N	03513E	809		931.5	1504	Y	8.0	-2.7	8.2	-0.1	10	108	-3	3
ASIA															
AFGHANISTAN															
MAZAR-I-SHARIF	3642N	06712E	378	31	977.9	1024.0	5.0	-0.4	6.2	-0.7	5	44	25	5	
CHAKHCHARAN	3432N	06516E	2230	31	777.9	1535	Y	-7.6	-3.2	2.6	-0.3	6	34	16	5
KABUL AIRPORT	3433N	06913E	1791	31	824.1	1543	Y	1.4	0.5	4.7	0.7	5	18	-2	3
KANDAHAR AIRPORT	3130N	06551E	1010	31	905.4	1022.7	7.7	0.0	6.1	0.6	0	0	-19	0	
BANGLADESH															
BOGRA	2451N	08922E	20		1014.3	1016.4	20.1		17.2		2	13		236	
SYLHET	2454N	09153E	35		1013.3	1017.4	19.1		16.5		3	3		253	
* DHAKA	2346N	09023E	9		1015.4	1016.5	21.1		17.9		1	3			
CHITTAGONG (PATENGAI)	2216N	09149E	6		1015.5	1016.4	22.0		18.2		0	0		96	
COX'S BAZAR	2126N	09158E	4		1015.4	1015.8	22.7		19.0						
SRI LANKA															
MANNAR	0859N	07955E	3		1012.1	1012.2	27.1	0.8	29.8	4.7	17	143	-65	3	

ASIA-JAPAN

## SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE	
DEC 1986	0°	0°	3												
ASIA															
JAPAN															
CHICHIJIMA	2705N	14211E	8	1017.4	1018.3	20.5	-0.1	15.9			8	43	-79	0	
MINAMITORISHIMA	2418N	15358E	9	1015.3	1016.3	23.9		24.1			14	106			
AFRICA															
SIERRA LEONE															
LUNGI	0837N	01312W	27	31	1006.6	1009.5	25.8	-0.7	23.8	-3.7	0	0	-37	0	
NJALA	0806N	01206W	56	31	1002.6	1008.9	24.9	-1.0	23.4	-4.0	1	2	-29	66	
BO	0757N	01146W	93	31	1000.9	1011.5	24.5	-1.1	24.3	-2.8		1	-36	2	
DARU	0759N	01051W	186	31	989.9	1011.3	24.5	-0.6	21.9	-4.0	0	0	-54	0	
ETHIOPIA															
ASMARA	1517N	03855E	2325				11.8	-2.9	7.9	-1.4					
GONDAR	1232N	03726E	1966				18.8	-1.1	8.7	-1.9	2	3	-13	2	
DIRE DAWA	0936N	04152E	1146				21.6	0.1	13.2	0.7					
COTE D'IVOIRE															
ODIENNE	0930N	00734W	421		964.6	1012.0	22.1	-1.6	16.8	0.3	0	2	-14	4	
KORHOGO	0925N	00537W	381		968.9	1011.6	24.6	-1.3	11.6	-2.7	0	0	-15	3	
BONDOUKOU	0803N	00247W	370		969.6	1011.3	24.9	-0.3	15.5	-5.4	0	0	-16	0	
MAN	0723N	00731W	340				21.5	-2.4	19.5	-2.7	0	0	-20	0	
BOUAKE	0744N	00504W	376				25.6	-0.2	14.7	-6.7	0	0	-16	0	
GAGNOA	0608N	00557W	210		986.6	1010.7	24.7	-0.8	24.9	-2.0	1	2	-43	1	
DALOA	0652N	00628W	277		981.0	1012.1	24.3		20.4		1	15	-7	3	
DIMBOKRO	0639N	00442W	92		1001.1	1011.6	25.4	-1.3	22.7	-2.9	0	0	-25	0	
ADIAKE	0518N	00318W	39		1008.5	1013.0	25.8	-0.5	27.4	-1.4	0	1	-70	0	
TABOU	0425N	00722W	21		1006.8	1009.1	25.4	-0.6	28.4	-0.8	6	68	-84	2	
SAN PEDRO	0445N	00639W	30		1007.8	1011.4	25.6		27.7		2	60		94	
SASSANDRA	0457N	00605W	66				25.7	-0.3	27.8	-1.2	4	33	-68	2	
ZIMBABWE															
HARARE (KUTSAGA OBSY.)	1755S	03108E	1480	31	853.6	1513.	Y	20.4	-0.1	16.7	-0.4	11	197	12	4
BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344	31	867.1	1514	Y	21.4	0.1	17.2	0.6	7	99	-43	2
N AMERICA															
TRINIDAD AND TOBAGO															
PIARCO INT. AIRPORT, TRINIDAD	1037N	06121W	15		1011.4	1013.9	25.3	0.3	26.4	0.1	10	158	23	4	
S AMERICA															
GUYANA															
GEORGETOWN	0648N	05809W	2		1012.6	1013.0	26.3	-0.4	29.0	0.2	20	191	-87	2	
TIMEHRI	0630N	05815W	30		1009.3	1012.8	25.0	-0.1	27.4	-0.7	19	239	-54	3	
BRAZIL															
QUIXERAMOBIM	0512S	03918W	211		986.7	1010.2	28.2	-0.4	21.9	1.5	3	12	-5	4	
PETROLINA	0923S	04029W	370		975.0	1009.4	29.8	2.1	20.2	-1.2	1	23	-25	2	
ECUADOR															
SAN CRISTOBAL (GALAPAGOS)	0054S	08936W	6		1010.4		23.9	0.1	26.4	3.1	6	14	4	5	
IZOBAMBA-SANTA CATALINA	0022S	07833W	3058				12.2		11.0		12	67		1	
NUEVO ROCAFUERTE	0055S	07524W	215				25.6		28.4		5	188			
PORTO VIEJO-GRANJA	0102S	08026W	44		1005.1		26.0	0.9	23.9		1	4	-1	3	
PICHILINGUE	0106S	07928W	73		1002.2		24.1		25.3		8	109		2	
EL PUYO	0130S	07757W	950				20.4		23.2		27	475		4	
MILAGRO	0207S	07936W	13				25.9		24.8		5	102		4	
CANAR	0233S	07856W	3120				11.2	0.2	11.2		5	17	-13	3	
LOJA/LA ARGELIA	0402S	07912W	2040				16.2		14.0		13	90		3	

EUROPE-GERMAN DEM REP

## SURFACE CORRECTIONS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		
					MEAN mb	STATION mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM mm	TOTAL mm	% OF AV.
JUL 1986	0°	0°	m										
EUROPE													
GERMAN DEMOCRATIC REPUBLIC													
GREIFSWALD	5406N	01324E	6										
POLAND													
BIALYSTOK	5306N	02310E	151										100
POZNAN	5225N	01650E	92										108
WROCŁAW II	5106N	01653E	121										101
AUG 1986													
EUROPE													
POLAND													
BIALYSTOK	5306N	02310E	151										99
POZNAN	5225N	01650E	92										102
WROCŁAW II	5106N	01653E	121										82
SEP 1986													
EUROPE													
POLAND													
BIALYSTOK	5306N	02310E	151										71
POZNAN	5225N	01650E	92										64
WROCŁAW II	5106N	01653E	121										77
OCT 1986													
EUROPE													
POLAND													
BIALYSTOK	5306N	02310E	151										136
POZNAN	5225N	01650E	92										133
NOV 1986													
EUROPE													
POLAND													
BIALYSTOK	5306N	02310E	151										166
POZNAN	5225N	01650E	92										172
WROCŁAW II	5106N	01653E	121										167

EUROPE-NORWAY

## UPPER AIR

JANUARY 1987

LEVEL mb	PRESSURE gpm	TEMPERATURE			VECTOR WIND			LEVEL mb	TEMPERATURE			VECTOR WIND			LEVEL mb	TEMPERATURE			VECTOR WIND							
		MISSING DAYS		MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %		MISSING DAYS		MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %		MISSING DAYS		MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps			
		MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps		
<b>EUROPE - NORWAY</b> JAN MAYER 7056N 00840W OB 3																										
030	22888	13	-67.6	21.6	9	76	346	27	030	22704	24	-57.8	26.4	9	99	31	46	030	22530	8	-72.8		8	63	327	22
050	19706	7	-69.6	21.5	9	74	322	25	050	19429	18	-66.9	21.3	9	86	12	28	050	20055	4	-75.5		4	70	325	22
100	15545	2	-68.3	20.6	2	79	299	21	100	15289	8	-68.5	17.5	9	82	344	18	100	15454	1	-69.1		1	84	330	22
150	13091	1	-66.2	18.8	1	79	292	21	150	12860	6	-65.5	16.8	9	79	334	17	150	13015	0	-66.2		0	82	337	21
200	11350	1	-65.4	14.5	1	75	288	22	200	11122	0	-65.0	14.4	1	76	329	18	200	11260	0	-63.9		0	75	340	21
300	8826	1	-53.4	11.1	1	68	288	23	300	8609	0	-56.6	11.2	0	69	324	16	300	8730	0	-55.0		0	75	337	21
500	5355	1	-28.5	14.0	1	72	284	16	500	5217	0	-35.2	9.6	0	65	310	12	500	5312	0	-33.5	6.1	0	61	325	21
700	2870	1	-14.1	14.1	1	65	269	11	700	2801	0	-20.7	10.8	0	55	301	8	700	2871	0	-18.1	7.5	0	56	311	7
850	1379	1	-8.6	8.4	1	57	254	7	850	1345	0	-13.9	5.3	0	42	282	6	850	1399	0	-11.1	5.6	0	50	284	5
1013	*	9	-2.8	2.2					1010	*	18	-6.5	1.5					1016	*	8	-3.8	1.8				
<b>EUROPE - NORWAY</b> ORLAND 6342N 00936E OB 3																										
030	22546	1	-64.3		3	82	311	24	030	22714	1	-75.5		1	82	304	27	030	22769	11	-75.3		1	85	305	31
050	19610	0	-75.7		0	83	322	24	050	19741	0	-73.4		0	84	318	26	050	19817	0	-73.2		0	84	310	26
100	15270	0	-68.5		0	83	330	22	100	15628	0	-67.0		0	87	327	23	100	15697	0	-66.8		0	92	320	23
150	13100	0	-65.9		0	83	336	21	150	13154	0	-63.2		0	82	334	22	150	13225	0	-63.5		0	86	325	22
200	11374	0	-64.1		0	78	331	22	200	11383	0	-62.4		0	75	340	23	200	11459	0	-63.1		0	78	335	23
300	8823	0	-53.9		0	69	339	21	300	8837	0	-52.8		0	67	345	22	300	8913	0	-52.1		0	67	345	21
500	5284	0	-31.1	7.5	0	57	330	12	500	5378	0	-30.7	13.5	0	60	347	13	500	5432	0	-28.4	7.5	0	55	345	12
700	2914	0	-16.3	7.2	0	52	320	7	700	2977	0	-16.7	12.6	0	57	354	8	700	2948	0	-14.3	6.4	0	51	340	8
850	1448	0	-8.7	3.0	0	52	308	6	850	1342	0	-10.4	8.1	0	53	358	6	850	1457	0	-7.5	6.6	0	34	330	4
1019	*	10	-4.9	2.1					998	*	201	-14.5	3.2					1019	*	33	-3.5	3.7				
<b>EUROPE - SWEDEN</b> SUNDSVALL-HARNOSAND FLYGPLAT 6232N 01727E OB 3																										
030									030		5	-75.9	19.4					030		6	-74.6	19.5				
050									050		19529							050		19679						
100									100								100									
150	13006	4	-66.5	17.7					150	13019	4	-65.5	18.2					150	13114	5	-64.5	18.7				
200	11249	4	-65.6	14.9					200	11264	4	-64.7	15.0	9	86	346	22	200	11353	4	-63.7	15.8				
300									300	8730	4	-56.0	12.5	9	80	346	20	300	8821	4	-54.1	13.0	4	63	356	18
500	5334	4	-33.5	11.8	5	59	350	11	500	5329	4	-33.6	13.1	9	73	346	11	500	5374	4	-30.9	12.4	4	59	354	11
700	2898	4	-18.6	14.3	5	52	354	7	700	2894	4	-18.0	12.9	9	45	347	6	700	2913	4	-16.1	10.8	4	51	360	7
850	1429	4	-15.3	1.5	4	54	357	6	850	1419	9	-9.9	2.9					850	1429	-6.1	2.2			38	8	
1002	*	6							1008	*	22							1002	*	155						
<b>EUROPE - FINLAND</b> SODANKYLA 6722N 02639E OB 3																										
030	22290								030	22359	3	-76.1		1	76	304	21	030	22414	0	-75.4		0	79	296	24
050	19281								050	19392	2	-76.0		1	82	311	19	050	19452	0	-74.4		0	83	308	21
100	15257	1	-70.7		6	70	341	16	100	15330	0	-69.7		0	88	328	15	100	15389	0	-68.9		0	90	323	17
150	12842	0	-67.1		0	80	345	15	150	12887	0	-65.2		0	83	339	15	150	12924	0	-64.7		0	86	337	15
200	11102	0	-65.2		0	75	351	16	200	11132	0	-64.2		0	76	352	15	200	11163	0	-63.8		0	80	347	16
300	8601	0	-58.2	8.8	0	64	353	14	300	8617	0	-57.7	9.8	0	70	316	16	300	8644	0	-57.0	10.1	0	72	358	17
500	5233	0	-36.9	9.5	0	58	352	10	500	5243	0	-36.0	10.4	0	65	312	12	500	5262	0	-35.3	11.6	0	68	311	13
700	2827	0	-21.6	10.3	0	56	352	7	700	2833	0	-21.4	9.4	0	60	321	8	700	2843	0	-20.2	10.5	0	63	360	8
850	1375	0	-14.5	4.5	0	48	347	5	850	1381	0	-14.8	8.0	0	52	321	6	850	1386	0	-13.9	7.4	0	51	347	5
995	*	179	-22.6	2.0					1001	*	145	-21.4	2.3					1006	*	103	-18.8	1.6				
<b>EUROPE - UNITED KINGDOM</b> LERWICK 6008N 00111W OB 3																										
030	22716	4	-77.8		5	83	313	30	030	22877	1	-76.1		2	84	304	30	030	22975	0	-74.2		0	83	299	30
050	19771	3	-75.2		4	86	317	27	050	19887	0	-73.5		0	84	307	25	050	19986	0	-71.1		0	89	304	25
100	15676	1	-68.4		2	82	320	20	100	15766	0	-67.5		0	83	309	19	100	15833	0	-65.7		0	92	310	20
150	13234	0	-65.0		1	74	322	19	150</																	

EUROPE-U KINGDOM

## UPPER AIR

JANUARY 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
mb	gpm		°C	°C	%		°	mps	mb	gpm		°C	°C	%		°	mps	mb	gpm		°C	°C	%		°	mps		
EUROPE - UNITED KINGDOM CRAWLEY 5105N 00013W OB 3																												
030	23042	0	-72.6		0	86	296	29	030	23177	23	-73.6		8	81	306	18	030	19920	6	-68.9		6	76	285	21		
050	20029	0	-70.3		0	86	303	24	050	20166	10	-68.4		8	81	302	14	100	15715	0	-66.4		0	79	262	17		
100	15860	0	-64.8		0	93	312	19	100	15992	2	-63.8		3	85	298	13	150	13245	0	-63.9		0	79	262	17		
150	13366	0	-62.0		0	90	320	17	150	13457	0	-61.4		1	59	295	12	200	11486	0	-64.0		0	70	237	15		
200	11590	0	-62.3		0	73	326	16	200	11682	0	-62.4		1	59	297	10	300	8942	0	-51.5		0	67	226	14		
300	9033	0	-50.3		0	65	328	15	300	9110	0	-48.5	12.7	0	50	301	6	500	5438	0	-26.2	10.1	0	73	212	12		
500	5513	0	-25.0	11.7	0	58	336	10	500	5562	0	-22.9	13.6	0	43	243	1	700	2924	0	-10.3	10.6	0	78	201	11		
700	2992	0	-9.9	11.0	0	54	6	7	700	3018	0	-7.2	15.0	0	20	180	3	850	1407	0	-3.6	5.5	0	77	184	10		
850	1474	0	-3.9	7.2	0	46	30	5	850	1483	0	-0.7	8.3	0	6.2	3.4		1000	* 54	3.0	1.8							
1000	* 144	0	0.4	2.3					1020	* 14																		
EUROPE - DENMARK EGEDESMINDE 6842N 05245W OB 3																												
030	19753	7	-60.0		9	87	243	15	030	23203								030	19910	17	-59.0							
050	15469	1	-60.2		1	87	235	13	050	19996	1	-63.4		1	90	270	23	050	19910	8	-63.3							
100	12924	0	-57.9		0	94	211	17	100	15693	0	-59.3		0	89	238	19	100	15437	0	-63.9		0	79	272	19		
150	11104	0	-56.6		0	94	199	21	150	13135	0	-55.9		0	87	220	18	150	12953	0	-63.2		0	79	277	22		
200	8539	0	-53.8		0	92	188	29	200	8699	0	-51.9		0	75	185	23	300	8663	0	-55.1		0	75	280	24		
500	5122	0	-33.9	7.2	0	92	183	21	500	5230	0	-29.2	9.6	0	72	178	16	500	5232	0	-31.5	11.7	0	75	282	16		
700	2699	0	-21.0	8.6	0	88	182	11	700	2753	0	-15.0	8.3	0	56	166	7	700	2776	0	-16.7	13.7	0	70	279	9		
850	1248	0	-15.3	7.5	0	72	181	5	850	1264	0	-7.8	6.6	0	61	123	4	850	1302	0	-12.2	12.9	0	63	280	6		
997	* 40	0	-13.3	2.7					997	* 4								1008	* 14									
EUROPE - DENMARK SCORESBYSUND 7029N 02158W OB 3																												
030	15568	1	-67.2		1	79	266	18	030	19985								030	22771	16	-77.0							
050	13113	0	-65.5		0	82	256	20	050	19985	100	15650	1	-63.1		1	86	236	17	100	15739	10	-74.5					
100	13164	0	-65.2		0	78	252	22	100	13134	0	-59.9		0	87	221	19	150	13268	1	-66.0		1	75	309	17		
200	8835	0	-53.0		0	75	248	21	200	11334	0	-60.4		0	88	208	23	200	11526	1	-65.3		1	58	310	14		
500	5359	0	-28.2	11.2	0	73	240	15	500	5307	0	-28.5	7.8	0	81	185	18	500	5493	1	-25.7	12.8	1	38	301	7		
700	2867	0	-12.7	10.6	0	76	238	11	700	2818	0	-13.3	5.4	0	72	160	12	700	2977	1	-10.5	15.3	1	29	296	4		
850	1366	0	-6.5	9.5	0	72	234	8	850	1319	0	-6.3	3.7	0	71	119	8	850	1466	1	-5.2	5.7	1	24	275	3		
1000	* 66	0	-8.7	2.2					998	* 52								1015	* 55	3.6	4.4							
EUROPE - DENMARK KOBENHAVN/JAEGERSBORG 5546N 01232E OB 3																												
030	22758	3	-74.3		3	86	297	32	030	5206N 00511E OB 1	4	87		8			030	23050	3	-70.6		4	91	291	31			
050	19772	2	-71.3		2	87	304	25	050	20031	3	-68.8		0	91	302	27	050	20016	31	-69.1		4	92	298	25		
100	15619	0	-65.9		0	91	320	21	100	15831	1	-64.0		0	92	314	21	100	15825	0	-63.9		0	92	310	21		
150	13137	0	-62.7		0	92	329	21	150	13326	0	-60.7		0	86	322	19	150	13321	0	-61.5		0	85	318	19		
200	11361	0	-62.0		0	86	337	21	200	11541	0	-61.2		0	79	330	20	200	11541	0	-61.7		0	76	326	19		
300	8817	0	-53.2		0	71	340	19	300	8974	0	-50.5		0	74	334	18	300	8983	0	-50.8		0	69	334	18		
500	5364	0	-30.8	12.1	0	64	344	12	500	5470	0	-26.6	12.8	0	65	340	12	500	5477	0	-26.0	5.5	0	60	336	10		
700	2902	0	-16.2	12.2	0	57	354	8	700	2964	0	-11.5	14.2	0	59	348	7	700	2965	0	-11.1	5.4	0	53	357	6		
850	1419	0	-9.3	9.4	0	47	272	1	850	1457	0	-5.2	10.3	0	48	39	5	850	1455	0	-5.2	3.4	0	41	10	4		
1015	* 40	0	-5.8	2.0					1021	* 4								1010	* 104	-3.1	1.9							
EUROPE - SWITZERLAND LIECHTENSTEIN PAYERNE 4649N 00657E OB 3																												
030	23152	1	-69.3		4	92	283	29	030	4827N 00425W OB 1	8	88		8			030	20085	14	-68.6		7	89	309	19			
050	20080	1	-67.3		4	92	290	23	050	15994	20	-63.6		8			100	15860	8	-64.0		4	81	318	15			
100	15867	0	-63.6		1	91	300	20	100	15994	17	-59.8		6			200	11600	3	-62.2		2	71	325	17			
150	13360	0	-60.1		1	81	302	16	150	13487	12	-62.4		6			300	9031	2	-49.7		2	58	328	15			
200	11563	0	-59.9	8.3	1	70	318	16	200	11714	10	-47.7		3			300	9031	1	-50.8		0	69	334	18			
300	8996	0	-50.8	8.6	1	56	323	14	300	9143	8	-23.1	12.1	3			500	5502	0	-24.8	11.9	2	55	336	10			
500	5487	0	-25.5	10.1	0	56	320	9	500	5558	7	-8.1	10.9	3			700											

EUROPE-FRANCE

UPPER AIR

JANUARY 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION				
mb	gpm		°C	°C	%	°	mps	mb	gpm		°C	°C	%	°	mps	mb	gpm		°C	°C	%	°	mps			
030								030							030											
050								050							050											
100	15855	6	-63.6		6	91	310	19	100	15903	3	-63.7		3	91	300	18	100	15942	9	-65.4		8	92	302	18
150	13346	5	-61.0		3	82	314	16	150	13395	2	-59.5		3	83	304	17	150	13458	10	-60.9		8	86	310	17
200	11562	5	-61.6		1	70	324	15	200	11595	2	-60.1		3	71	312	16	200	11663	8	-61.7		8	70	317	15
300	9008	2	-50.1		0	59	330	14	300	9024	2	-49.6		3	60	311	16	300	9082	6	-49.0		7	53	330	9
500	5490	1	-25.5	11.2	0	52	329	8	500	5493	1	-24.5	13.4	2	57	318	9	500	5541	4	-22.4	10.1	7	54	332	10
700	2969	1	-9.6	10.2	0	39	345	4	700	2961	1	-8.8	12.3	2	50	339	5	700	2992	4	-7.3	10.0	7	60	335	8
850	1451	1	-4.8	6.8	1	40	39	4	850	1439	1	-4.3	5.1	2	44	333	3	850	1454	3	-0.4	8.1	5	54	324	5
995	* 217		2.7	4.0				990	* 240			2.1	2.1				1013	* 61			0.3	1.5				
030								030							030											
050								050							050											
100	15855	6	-63.6		6	91	310	19	100	15903	3	-63.7		3	91	300	18	100	15942	9	-65.4		8	92	302	18
150	13346	5	-61.0		3	82	314	16	150	13395	2	-59.5		3	83	304	17	150	13458	10	-60.9		8	86	310	17
200	11562	5	-61.6		1	70	324	15	200	11595	2	-60.1		3	71	312	16	200	11663	8	-61.7		8	70	317	15
300	9008	2	-50.1		0	59	330	14	300	9024	2	-49.6		3	60	311	16	300	9082	6	-49.0		7	53	330	9
500	5490	1	-25.5	11.2	0	52	329	8	500	5493	1	-24.5	13.4	2	57	318	9	500	5541	4	-22.4	10.1	7	54	332	10
700	2969	1	-9.6	10.2	0	39	345	4	700	2961	1	-8.8	12.3	2	50	339	5	700	2992	4	-7.3	10.0	7	60	335	8
850	1451	1	-4.8	6.8	1	40	39	4	850	1439	1	-4.3	5.1	2	44	333	3	850	1454	3	-0.4	8.1	5	54	324	5
995	* 217		2.7	4.0				990	* 240			2.1	2.1				1013	* 61			0.3	1.5				
030								030							030											
050								050							050											
100	15855	6	-63.6		6	91	310	19	100	15903	3	-63.7		3	91	300	18	100	15942	9	-65.4		8	92	302	18
150	13346	5	-61.0		3	82	314	16	150	13395	2	-59.5		3	83	304	17	150	13458	10	-60.9		8	86	310	17
200	11562	5	-61.6		1	70	324	15	200	11595	2	-60.1		3	71	312	16	200	11663	8	-61.7		8	70	317	15
300	9008	2	-50.1		0	59	330	14	300	9024	2	-49.6		3	60	311	16	300	9082	6	-49.0		7	53	330	9
500	5490	1	-25.5	11.2	0	52	329	8	500	5493	1	-24.5	13.4	2	57	318	9	500	5541	4	-22.4	10.1	7	54	332	10
700	2969	1	-9.6	10.2	0	39	345	4	700	2961	1	-8.8	12.3	2	50	339	5	700	2992	4	-7.3	10.0	7	60	335	8
850	1451	1	-4.8	6.8	1	40	39	4	850	1439	1	-4.3	5.1	2	44	333	3	850	1454	3	-0.4	8.1	5	54	324	5
995	* 217		2.7	4.0				990	* 240			2.1	2.1				1013	* 61			0.3	1.5				
030								030							030											
050								050							050											
100	15855	6	-63.6		6	91	310	19	100	15903	3	-63.7		3	91	300	18	100	15942	9	-65.4		8	92	302	18
150	13346	5	-61.0		3	82	314	16	150	13395	2	-59.5		3	83	304	17	150	13458	10	-60.9		8	86	310	17
200	11562	5	-61.6		1	70	324	15	200	11595	2	-60.1		3	71	312	16	200	11663	8	-61.7		8	70	317	15
300	9008	2	-50.1		0	59	330	14	300	9024	2	-49.6		3	60	311	16	300	9082	6	-49.0		7	53	330	9
500	5490	1	-25.5	11.2	0	52	329	8	500	5493	1	-24.5	13.4	2	57	318	9	500	5541	4	-22.4	10.1	7	54	332	10
700	2969	1	-9.6	10.2	0	39	345	4	700	2961	1	-8.8	12.3	2	50	339	5	700	2992	4	-7.3	10.0	7	60	335	8
850	1451	1	-4.8	6.8	1	40	39	4	850	1439	1	-4.3	5.1	2	44	333	3	850	1454	3	-0.4	8.1	5	54	324	5
995	* 217		2.7	4.0				990	* 240			2.1	2.1				1013	* 61			0.3	1.5				
030								030							030											
050								050							050											
100	15855	6	-63.6		6	91	310	19	100	15903	3	-63.7		3	91	300	18	100	15942	9	-65.4		8	92	302	18
150	13346	5	-61.0		3	82	314	16	150	13395	2	-59.5		3	83	304	17	150	13458	10	-60.9		8	86	310	17
200	11562	5	-61.6		1	70	324	15	200	11595	2	-60.1		3	71	312	16	200	11663	8	-61.7		8	70	317	15
300	9008	2	-50.1		0	59	330	14	300	9024	2	-49.6		3	60	311	16	300	9082	6	-49.0		7	53	330	9
500	5490	1	-25.5	11.2	0	52	329	8	500	5493	1	-24.5	13.4	2	57	318	9	500	5541	4	-22.4	10.1	7	54	332	10
700	2969	1	-9.6	10.2	0	39	345	4	700	2961	1	-8.8	12.3	2	50	339	5	700	2992	4	-7.3	10.0	7	60	335	8
850	1451	1	-4.8	6.8	1	40	39	4	850	1439	1	-4.3	5.1	2	44	333	3	850	1454	3	-0.4	8.1	5	54	324	5
995	* 217		2.7	4.0				990	* 240			2.1	2.1				1013	* 61			0.3	1.5				
030								030							030											
050								050							050											
100	15855	6	-63.6		6	91	310	19	100	15903	3	-63.7		3	91	300	18	100	15942	9	-65.4		8	92	302	18
150	13346	5	-61.0		3	82	314	16	150	13395	2	-59.5		3	83	304	17	150	13458	10	-60.9		8	86	310	17
200	11562	5	-61.6		1	70	324	15	200	11595	2	-60.1		3	71	312	16	200	11663	8	-61.7		8	70	317	15
300	9008	2	-50.1		0	59	330	14	300	9024	2	-49.6		3	60	311	16	300	9082	6	-49.0		7	53	330	9
500	5490	1	-25.5	11.2	0	52	329	8	500	5493	1	-24.5	13.4	2	57	318	9	500	5541	4	-22.4	10.1	7	54	332	10
700	2969	1	-9.6	10.2	0	39	345	4	700	2961	1	-8.8	12.3	2	50	339	5	700	2992	4	-7.3	10.0	7	60	335	8
850	1451	1	-4.8	6.8	1	40	39	4	850	1439	1	-4.3	5.1	2	44	333	3	850	1454	3	-0.4	8.1	5	54	324	5
995	* 217		2.7	4.0				990	* 240			2.1	2.1				1013	* 61			0.3	1.5				
030								030							030											
050								050							050											
100	15855	6	-63.6		6	91	310	19	100	15903	3	-63.7		3	91	300	18	100	15942	9	-65.4		8	92	302	18
150	13346	5	-61.0		3	82	314	16	150	13395	2	-59.5		3	83	304	17	150</td								

EUROPE-GERMANY, FED REP

## UPPER AIR

JANUARY 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	STEADNESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	STEADNESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	STEADNESS	DIRECTION			
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps
<b>EUROPE - GERMANY, FEDERAL REPUBLIC ESSEN 5124N 00658E 0B 3</b>																										
<b>EUROPE - GERMANY, FEDERAL REPUBLIC STUTTGART/SCHNARRENBURG 4850N 00912E 0B 3</b>																										
030	22989	0	-72.1		3	89	293	31	030	23079	0	-70.4		6	90	293	28	030	23101	1	-69.6		0	93	283	33
050	19959	0	-70.6		2	91	302	27	050	20008	0	-68.8		3	94	298	26	050	20042	0	-67.8		0	92	288	27
100	15786	0	-64.7		1	91	312	21	100	15809	0	-63.7		1	89	304	20	100	15813	0	-63.0		0	90	299	22
150	13293	0	-62.0		0	86	321	19	150	13302	0	-60.9		0	84	311	19	150	13299	0	-60.2		0	84	304	19
200	11514	0	-62.1	7.4	0	77	330	19	200	11514	0	-61.0	8.3	0	68	321	17	200	11506	0	-60.2	8.1	0	70	313	18
300	8959	0	-51.3	7.6	0	69	334	16	300	8959	0	-51.5	8.5	0	56	325	15	300	8944	0	-51.6	8.1	0	56	319	16
500	5461	0	-26.8	9.4	0	63	342	11	500	5458	0	-26.8	10.3	0	56	324	10	500	5448	0	-26.8	10.0	0	60	317	12
700	2957	0	-11.9	9.4	0	57	351	7	700	2950	0	-11.5	9.5	0	50	321	6	700	2944	0	-12.1	9.5	0	55	302	7
850	* 1452	0	-5.5	5.6	0	44	5	5	850	1442	0	-5.9	6.0	0	22	325	2	850	1439	0	-6.0	6.1	0	37	289	4
1000	* 153		-3.8	2.3					982	* 315		-4.1	2.4					960	* 489		-5.1	2.2				
<b>EUROPE - AUSTRIA WIEN/HOHE WARTE 4815N 01622E 0B 3</b>																										
<b>EUROPE - CZECHOSLOVAKIA PRAHA-LIBUS 5000N 01427E 0B 3</b>																										
030	23114	18	-67.8		9	95	281	32	030	22926	26	-70.9		9	98	276	22	030	23009	9	-69.5		9	95	261	19
050	19993	5	-66.9		5	95	282	27	050	19860	17	-70.1		9	96	289	17	050	19934	2	-68.0		3	95	271	15
100	15753	0	-62.5		0	92	292	24	100	15721	1	-63.9	7.1	5	90	299	12	100	15718	0	-62.7		0	91	279	12
150	13236	0	-60.2		0	84	297	21	150	13216	1	-60.8	5.6	2	85	308	11	150	13204	0	-60.3	4.6	0	84	283	11
200	11444	0	-60.6		0	70	299	20	200	11427	1	-60.5	5.1	2	75	313	11	200	11412	0	-60.4	4.3	0	73	286	11
300	8891	0	-52.4		0	59	303	18	300	8871	1	-52.1	5.1	1	59	314	9	300	8850	0	-51.8	4.7	0	64	287	10
500	5414	0	-28.5	8.1	0	61	303	13	500	5392	1	-28.3	6.0	1	61	314	7	500	5373	0	-28.9	5.3	0	63	288	7
700	2925	0	-13.2	7.4	0	57	305	9	700	2906	1	-13.9	5.5	1	58	315	4	700	2892	0	-14.6	5.1	0	49	294	3
850	1429	0	-7.2	4.9	0	52	308	7	850	1414	1	-8.2	3.1	1	43	310	3	850	1403	0	-9.1	3.9	0	46	266	2
995	* 200		-3.9	3.6					981	* 304		-6.3	3.0					930	* 706		-9.4	2.9				
<b>EUROPE - POLAND LEBA 5445N 01732E 0B 3</b>																										
<b>EUROPE - POLAND POZNAN 5225N 01650E 0B 3</b>																										
030	22940	27	-70.1		9	95	293	18	030	22861	20	-70.8		9	91	293	20	030	22956	4	-67.8		4	93	227	19
050	19924	25	-69.6		9	94	302	14	050	19821	14	-69.8		9	91	292	15	050	19855	1	-67.9		1	94	283	16
100	15617	14	-65.1		9	89	312	11	100	15621	3	-64.2		3	90	294	11	100	15639	0	-63.7		0	91	294	12
150	13097	7	-62.1		9	91	321	11	150	13132	0	-61.3		0	85	309	10	150	13126	0	-60.4	4.6	0	87	303	10
200	11303	2	-61.9		2	83	329	11	200	11349	0	-61.1		0	81	318	10	200	11332	0	-60.1		0	80	310	10
300	8760	1	-54.2		1	66	332	9	300	8766	0	-54.3		0	63	321	9	300	8778	0	-53.4		0	69	315	9
500	5328	1	-32.3	6.9	1	60	335	5	500	5348	0	-31.5	6.8	0	54	327	6	500	5336	0	-31.7	7.5	0	54	318	5
700	2877	1	-17.3	6.1	1	12	272	1	700	2890	0	-16.2	6.6	0	45	337	3	700	2877	0	-16.0	9.0	0	39	337	3
850	1399	1	-10.4	4.5	1	35	8	2	850	1407	0	-9.9	5.8	0	32	348	2	850	1393	0	-10.5	5.5	0	21	339	1
1018	* 2		-7.2	2.6					1008	* 92		-9.3	2.8					1006	* 83		-4.2	2.7				
<b>EUROPE - POLAND WROCŁAW I 5108N 01659E 0B 1</b>																										
<b>EUROPE - HUNGARY BUDAPEST/LORINC 4726N 01911E 0B</b>																										
030									030									030								
050									050									050								
100	15737	18	-61.3		9	70	325	5	100	15768	14	-62.7		9	91	283	23	100	15807	6	-61.8		6	94	281	13
150	13163	4	-60.7		9	60	335	7	150	13250	13	-59.8		8	85	289	22	150	13277	0	-58.8		0	87	282	12
200	11373	2	-60.9		9	60	327	8	200	11453	7	-59.9		8	73	291	11	200	11471	0	-59.2		0	77	285	12
300	8823	0	-52.6		6	50	326	6	500	5404	4	-27.8	6.0	4	66	292	10	500	8909	0	-52.3	5.4	0	64	288	7
500	5360	0	-30.4	5.4	3	50	326	6	500	5404	4	-27.8	6.0	4	63	294	7	500	5423	0	-27.4	6.0	0	60	286	7
700	2889	0	-15.4	4.9	1	50	333	4	700	2909	4	-13.0	5.3	4	57	299	5	700	2924	0	-12.4	4.4	0	57	287	4
850	1403	0	-9.5	2.7	0	50	310	3	850	1409	4	-6.5	4.2	4	47	303	3	850	1420	0	-5.8	4.0	1	45	297	3
1004	* 116		-8.8	2.3					1000	* 139		-4.2	2.9					10								

## EUROPE – ROMANIA

## UPPER AIR

JANUARY 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps
					</																					

EUROPE-USSR

## UPPER AIR

JANUARY 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps
EUROPE - USSR MURMANSK 6858N 03303E OB 1																										
030	22131	9	-74.5		9	44	5	5	030	22207	9	-71.8	2.8	9	57	266	5	030	22424	13	-72.3		9	85	271	12
050	19204	5	-76.0		5	61	338	6	050	19204	4	-73.8	2.8	5	53	270	4	050	19422	12	-72.9		9	83	281	10
100	15177	1	-71.2		1	70	341	6	100	15157	0	-70.1	3.0	1	52	304	4	100	15366	2	-67.1		2	85	304	8
150	12764	0	-67.9		0	64	346	6	150	12727	0	-66.8	3.0	0	47	323	4	150	12893	0	-63.1		0	86	319	7
200	11036	0	-66.1		0	61	350	7	200	10984	0	-65.7	2.9	0	42	328	4	200	11133	0	-61.8		0	79	332	7
300	8548	0	-59.3		0	55	351	6	300	8494	0	-59.7	3.1	0	30	335	4	300	8603	0	-55.6		0	69	350	6
500	5194	0	-37.2	7.4	0	49	349	5	500	5147	0	-38.3	3.7	0	30	348	3	500	5221	0	-36.6	10.3	0	63	350	5
700	2796	0	-22.8	5.7	0	49	344	4	700	2760	0	-24.1	4.1	0	42	345	3	700	2816	0	-22.3	7.7	1	51	345	3
850	1350	0	-14.7	3.2	0	42	340	3	850	1323	0	-17.6	2.8	1	33	353	2	850	1368	0	-16.0	5.5	1	45	354	3
1006	* 46		-13.8	2.0		42		1014	*	13								1010	*	4						
EUROPE - USSR KAUNAS 5453N 02353E OB 1																										
030	22704	7	-72.0	4.1	9	85	274	14	030	22655	1	-71.3	7.3	2	88	272	19	030	22364	17	-71.1	3.2		84	242	9
050	19683	0	-69.3	4.5	9	79	279	10	050	19632	0	-70.6	7.1	0	87	277	15	050	19367	11	-69.6	3.4	9	84	242	9
100	15496	0	-64.8	4.6	9	75	289	8	100	15471	0	-65.3	7.1	0	90	288	11	100	15290	0	-66.2	3.9	1	76	253	6
150	13005	0	-62.4	4.5	9	76	293	8	150	12980	0	-61.4	7.0	0	85	295	9	150	12816	0	-63.5	3.8	1	63	260	5
200	11227	0	-61.9	4.4	9	61	298	6	200	11192	0	-60.5	6.6	0	85	300	8	200	11053	0	-62.6	3.8	1	59	269	4
300	8699	0	-55.6	4.6	6	41	304	5	300	8654	0	-55.9	6.3	0	67	310	7	300	8524	0	-56.6	4.1	0	36	286	3
500	5288	0	-33.7	5.8	0	46	319	4	500	5265	0	-34.8	7.6	0	54	320	5	500	5156	0	-37.8	4.7	0	41	288	3
700	2852	0	-18.6	5.7	0	49	334	3	700	2835	0	-19.1	8.0	0	54	322	3	700	2761	0	-23.5	4.5	0	52	278	3
850	1384	0	-12.7	4.0	0	24	334	2	850	1372	0	-13.4	5.7	0	24	341	2	850	1329	0	-19.0	3.1	1	49	285	2
1008	* 75		-13.9	1.8		24		988	*	234								1000	*	118						
EUROPE - USSR KAZAN' 5547N 04911E OB 1																										
030	22747	4	-67.6	4.3	9	85	246	8	030	22682	8	-68.7	7.1	9	89	258	20	030	22926	0	-67.6		1	93	265	20
050	19635	0	-66.2	4.1	9	81	241	8	050	19628	5	-69.4	6.7	6	87	263	15	050	19879	0	-67.0		0	94	270	17
100	15405	0	-63.5	3.9	9	82	246	8	100	15452	5	-65.5	6.8	5	89	274	11	100	15655	0	-62.4		0	95	275	13
150	12902	0	-61.3	3.9	9	78	252	8	150	12948	3	-61.5	6.9	3	81	277	8	150	13128	0	-59.1		0	88	275	12
200	11117	0	-61.0	3.7	6	72	258	8	200	11152	3	-60.2	6.5	3	72	284	7	200	11326	0	-58.7		0	85	277	12
300	8572	0	-56.8	3.7	4	58	259	7	300	8615	3	-56.1	6.3	3	53	288	6	300	8762	0	-53.1		0	73	278	10
500	5194	0	-36.6	4.4	4	58	263	5	500	5232	3	-36.1	7.6	3	42	293	4	500	5312	0	-31.6	7.5	0	74	281	7
700	2792	0	-22.5	3.8	1	58	265	4	700	2824	3	-21.3	6.6	3	31	287	2	700	2858	0	-16.9	8.3	0	62	285	4
850	1350	0	-16.3	3.3	3	54	286	3	850	1373	3	-15.5	4.1	3	15	269	1	850	1386	0	-11.4	5.5	0	37	293	2
1001	* 64		-19.4	2.3		54		994	*	156								996	*	179						
EUROPE - USSR L'VOV 4949N 02357E OB 1																										
030	23035	2	-66.0	5.3	9	90	280	11	030	23209	4	-64.8		7	95	256	19	030	22837	5	-65.3	5.4	9	91	256	20
050	19932	2	-64.9	5.2	9	80	280	11	050	20101	1	-64.3		2	96	260	17	050	19752	2	-66.7	5.1	9	91	262	16
100	15678	1	-61.6	5.1	9	89	276	10	100	15819	1	-61.0		1	98	263	15	100	15544	1	-63.6	4.8	9	91	267	13
150	13154	1	-59.7	5.0	9	87	274	9	150	13279	1	-58.7		1	95	263	16	150	13028	1	-60.9	4.4	7	85	261	12
200	11355	1	-59.7	4.8	9	75	270	7	200	11468	1	-58.9		1	91	264	16	200	11245	1	-60.2	4.4	3	82	259	12
300	8800	0	-52.5	5.2	9	46	291	5	300	8889	1	-51.2		1	85	265	14	300	8699	1	-55.8	4.4	1	79	261	12
500	5347	0	-31.0	6.4	4	54	305	5	500	5400	1	-28.2	7.2	1	85	263	10	500	5293	1	-33.9	5.2	1	81	260	9
700	2885	0	-15.7	6.3	2	47	287	3	700	2909	1	-13.4	6.7	1	85	264	6	700	2862	1	-19.4	5.3	1	69	257	5
850	1399	0	-9.8	4.4	2	28	279	2	850	1408	1	-6.6	5.2	1	61	269	3	850	1401	1	-13.2	4.7	1	39	256	3
977	* 325		-10.3	2.5		28		1012	*	64								1000	*	156						
EUROPE - USSR HAR'KOV 4956N 03617E OB 1																										
030	22937	2	-66.2		2	94	263	21	030	23136	5	-59.8	7.0	6	93	254	22	030	23441	15	-59.2		9	92	257	13
050	19840	0	-66.6		0	93	267	18	050	19908	2	-64.0	7.4	3	94	259	20	050	20266	13	-61.5		9	93	259	13
100	15623	0	-62.9		0	91	269	15	100	15666	1	-62.7	6.2	1	92	264	16	100	15935	5	-62.0		6	91	261	15
150	13106	0	-59.8		0	92	269	14	150	13145	0	-60.0	5.7	1	96	265	16</td									

**EUROPE-SYRIAN ARAB REP**

## UPPER AIR

JANUARY 1987

ASIA-USSR

## UPPER AIR

JANUARY 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps
ASIA - USSR OLENEK 6830N 11226E OB 1																										
030	22787	4	-43.5		4	80	215	18	030	22816	4	-48.6		4	88	236	16	030	23266	0	-41.4		0	68	233	10
050	19475	4	-56.0		4	75	225	11	050	19516	3	-58.7		3	92	253	13	050	19829	0	-45.4		0	72	231	9
100	15150	2	-62.8		1	76	240	5	100	15220	2	-63.7		2	93	270	9	100	15311	0	-54.6		0	62	243	5
150	12628	0	-61.7		0	64	248	3	150	12727	2	-62.4		2	90	279	9	150	12727	0	-56.9		0	40	261	2
200	10851	0	-60.5		0	36	259	2	200	10946	2	-61.5		2	88	283	9	200	10907	0	-57.8		0	17	297	1
300	8320	0	-59.6		0	18	272	2	300	8435	2	-59.7		2	80	284	9	300	8367	0	-58.6		0	18	308	2
500	5014	0	-42.8		0	12	236	2	500	5115	2	-40.3	4.1	2	72	279	7	500	5048	0	-42.2		0	24	344	1
700	2685	0	-29.3	4.4	0	18	238	1	700	2739	2	-27.3	4.4	2	70	279	5	700	2713	0	-30.1	4.6	0	35	316	2
850	1297	0	-28.0	3.8	0	11	264	1	850	1336	2	-26.3	3.7	2	66	274	4	850	1324	0	-28.2	4.2	0	57	303	2
991	* 127		-42.1	2.7					998	* 186		-38.2	2.5					1012	* 103		-45.0	2.1				
ASIA - USSR MYS SMIDTA 6855N 17929W OB 1																										
030	23668	7	-45.7		7	82	234	9	030	23698	1	-45.2		1	77	226	7	030	23498	1	-44.1		1	81	205	9
050	20264	3	-45.8		3	88	229	9	050	20297	1	-45.8		1	82	221	7	050	20068	0	-44.1		0	79	205	10
100	15652	2	-46.8		2	88	222	8	100	15679	1	-45.8		1	88	211	7	100	15455	0	-48.3		0	84	197	8
150	12975	2	-49.1		2	75	219	6	150	12994	1	-48.0		1	72	206	6	150	12810	0	-52.7		0	85	180	6
200	11108	0	-52.0		0	62	226	5	200	11122	1	-51.4		1	57	203	4	200	10963	0	-55.7		0	76	163	5
300	8500	0	-54.0		0	18	269	2	300	8518	1	-53.8		1	29	209	3	300	8411	0	-58.1		0	70	133	5
500	5105	0	-36.9	4.3	0	31	344	3	500	5116	1	-35.7	7.4	1	41	41	1	500	5078	0	-40.0	4.2	0	62	116	4
700	2719	0	-24.6	2.8	0	43	1	3	700	2712	1	-23.2	6.5	1	41	44	3	700	2712	0	-26.8	3.8	0	67	87	4
850	1291	0	-21.2	2.2	0	31	344	2	850	1271	1	-18.3	4.9	1	58	53	4	850	1306	0	-26.4	4.4	0	79	33	4
1013	*	7	-24.9	1.0					1008	* 62		-20.7	2.6					993	* 207		-37.4	3.1				
ASIA - USSR KORF 6021N 16600E OB 1																										
030	23637	2	-45.4	9.5	2	76	211	6	030	22746	10	-60.5		9	95	245	24	030	23012	5	-59.1		5	95	253	22
050	20232	0	-44.9	8.4	0	81	211	7	050	19630	5	-64.8		6	92	252	20	050	19816	3	-62.2		3	96	257	19
100	15606	0	-46.2	6.1	0	79	200	7	100	15385	0	-64.9		0	86	256	13	100	15538	1	-62.3		1	91	262	14
150	12927	0	-49.0	4.8	0	73	189	5	150	12900	0	-62.4		0	84	257	12	150	13042	0	-61.7		0	87	260	13
200	11053	0	-52.5	4.0	0	67	177	4	200	11128	0	-62.3		0	74	254	11	200	11268	0	-63.2		0	82	259	13
300	8464	0	-56.0	3.3	0	64	135	5	300	8604	0	-57.6		0	62	250	11	300	8742	0	-55.3		0	73	255	12
500	5094	0	-37.1	3.8	0	54	121	3	500	5220	0	-35.3	5.4	0	62	252	7	500	5310	0	-31.2	6.1	0	73	253	9
700	2694	0	-22.3	4.0	0	48	104	3	700	2798	0	-20.8	5.2	0	55	260	5	700	2858	0	-16.8	5.9	0	78	254	7
850	1249	0	-15.6	3.5	0	54	77	3	850	1349	0	-15.7	5.0	0	42	278	4	850	1385	0	-11.9	5.0	0	67	250	5
1002	*	3	-15.5	3.7					980	* 237		-19.1	3.2					1008	* 94		-17.1	1.9				
ASIA - USSR KUSTANAJ 5313N 06337E OB 1																										
030	23017	13	-60.2		9	94	252	22	030	19752	16	-58.7		9	96	260	17	030	23290	10	-47.8		9	92	262	15
050	19866	5	-62.5		8	93	257	19	050	19500	7	-62.4		9	93	269	13	100	15532	2	-59.8		5	94	269	14
100	15582	2	-62.1		2	86	260	15	100	15414	3	-62.6		4	90	274	12	150	12995	0	-60.5		0	91	286	13
150	13073	0	-60.6		0	86	257	13	150	12925	0	-63.5		1	88	277	13	200	11214	0	-62.6		0	88	287	13
200	11292	0	-62.5		0	81	253	14	200	11170	0	-63.5		1	79	273	12	300	8703	0	-56.4		0	85	288	14
300	8761	0	-54.2		0	70	251	11	300	8658	0	-56.6		0	84	269	10	500	5305	0	-33.9	5.9	0	91	282	12
500	5321	0	-31.0	5.9	0	72	249	9	500	5256	0	-33.7	5.3	0	79	273	12	300	8703	0	-56.4		0	85	288	14
700	2864	0	-16.9	6.3	0	72	253	6	700	2830	0	-20.4	6.4	0	76	265	7	700	2880	0	-20.5	6.3	0	87	276	8
850	1391	0	-12.1	5.6	0	66	251	4	850	1378	0	-16.6	5.6	0	74	256	5	850	1431	0	-15.9	5.8	1	75	261	6
998	* 171		-17.3	3.3					1012	* 76		-23.6	3.2					1000	* 194		-21.4	4.1				
ASIA - USSR KIRENSK 5746N 10807E OB																										
030	23402	14	-45.6		9	91	252	13	030	23493	4	-46.4		4	70	265	8	030	23394	8	-42.4		8	67	244	8
050	19969	8	-48.9		9	88	267	12	050	20082	2	-48.8		2	83	275	12	050	19929	6	-45.4		6	79	249	9
100	15461	4	-56.4		5	85	284	11	100	15587	1	-54.2		1	91	288	13	100	15375	2	-53.7		2	77	270	7
150	12870	1	-58.1		1	82	29																			

ASIA-USSR

## UPPER AIR

JANUARY 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps
ASIA - USSR OHOOTSK 5922N 14312E OB 1																										
030	23504	0	-42.8		1	75	203	8	030	23485	2	-47.3		2	61	260	5	030	23561	3	-49.6		3	65	235	4
050	20067	0	-43.5		0	74	215	7	050	20108	0	-48.2		1	86	270	9	050	20210	2	-48.0		2	90	255	8
100	15461	0	-48.5		0	81	212	6	100	15579	0	-51.1		0	89	278	10	100	15623	1	-48.8		1	91	268	11
150	12817	0	-52.8		0	61	198	3	150	12947	0	-52.3		0	91	286	10	150	12967	0	-50.2		0	93	273	12
200	10969	0	-54.6		0	55	179	3	200	11098	0	-54.5		0	85	293	10	200	11096	0	-52.1	5.7	0	86	277	11
300	8399	0	-57.6		0	49	135	3	300	8524	0	-55.9		0	84	302	10	300	8496	0	-54.9	4.5	0	84	283	11
500	5066	0	-41.2	7.5	0	31	107	2	500	5164	0	-39.1	7.3	0	72	309	6	500	5138	0	-39.0	6.2	0	74	292	7
700	2711	0	-27.1	6.5	0	31	24	1	700	2795	0	-26.5	6.8	0	72	316	4	700	2766	0	-25.9	6.4	0	85	300	5
850	1292	0	-22.0	7.3	0	80	28	2	850	1378	0	-22.9	6.2	0	82	329	4	850	1343	0	-21.4	5.8	0	70	290	3
1010	* 6		-24.8	6.3					1006	* 137		-26.0	4.5					1009	*	72		-22.3	4.2			
ASIA - USSR VLADIVOSTOK 4307N 13154E OB 1																										
030	23687	3	-51.0		3	75	254	5	030	23580	4	-49.9		4	77	218	5	030	23685	0	-46.9		1	88	189	5
050	20359	3	-51.7		3	93	265	10	050	20242	3	-49.3		3	85	246	7	050	20292	0	-45.0		0	82	210	6
100	15852	2	-52.0		2	94	269	15	100	15671	2	-47.8		2	95	263	12	100	15654	0	-45.0		0	85	230	7
150	13207	2	-50.7		2	96	272	19	150	13000	2	-48.6		2	91	266	13	150	12952	0	-47.1		0	79	233	7
200	11331	2	-52.2		2	91	273	19	200	11112	1	-49.6		1	91	270	13	200	11062	0	-49.4		0	74	234	6
300	8711	2	-52.1		2	85	276	16	300	8484	0	-53.7		0	87	274	12	300	8445	0	-54.2		0	43	229	4
500	5273	1	-33.8	9.1	1	88	285	12	500	5120	0	-39.3	5.5	0	78	279	7	500	5077	0	-38.2	8.5	0	12	255	1
700	2848	1	-21.0	8.4	1	83	296	7	700	2745	0	-25.2	5.7	0	75	291	5	700	2686	0	-22.6	8.1	0	6	349	1
850	1401	1	-17.8	6.8	1	86	323	6	850	1316	0	-18.7	3.4	1	54	322	3	850	1236	0	-14.5	7.8	0	42	353	2
1012	* 138		-15.7	5.8					1010	* 31		-17.0	2.3					988	*	7		-10.8	8.3			
ASIA - USSR ORENBURG 5145N 05506E OB 1																										
030	22963	9	-63.8		9	89	262	19	030	20129	21	-59.3		9	98	255	18	030	23412	21	-59.8		9	94	258	15
050	19826	4	-64.6		4	88	261	17	050	20129	14	-61.1		9	94	262	15	100	15875	4	-59.9		6	91	265	16
100	15564	2	-62.4		2	88	260	15	100	15801	14	-60.8		9	94	262	14	150	13353	0	-59.9		0	90	263	16
150	13037	1	-60.3		1	89	258	16	150	13253	14	-60.8		9	85	261	12	200	11564	0	-59.9		0	89	262	17
200	11239	0	-59.8		0	82	257	15	200	11483	12	-63.8		9	79	259	11	300	8973	0	-48.9		0	84	262	14
300	8693	0	-57.7		0	79	256	14	300	8939	12	-52.6		9	79	259	11	500	5448	0	-25.2	7.2	0	82	258	10
500	5298	0	-34.7	5.4	0	73	256	10	500	5456	12	-27.6	7.4	9	79	251	8	700	2937	0	-11.7	7.9	0	79	259	6
700	2866	0	-18.9	6.3	0	67	252	7	700	2961	12	-12.3	8.7	9	82	246	6	700	2937	0	-11.7	7.9	0	79	259	6
850	1398	0	-12.6	5.4	0	61	251	4	850	1462	12	-7.5	7.0	9	86	233	5	850	1435	0	-6.7	7.9	0	54	257	3
1005	* 109		-16.1	2.9					956	* 555		-10.1	3.4					1024	*	0		-8.5	3.0			
ASIA - USSR ALMA-ATA 4314N 07656E OB																										
030	23536	17	-56.7	10.2	9	90	270	9	030	23571	4	-56.8	9.8	4	90	265	12	030	23639	17	-54.3	10.7	9	95	252	11
050	20284	12	-57.3	8.6	9	95	264	11	050	20357	1	-59.9	8.4	1	90	270	12	050	20407	13	-59.2	9.3	9	94	263	10
100	15938	6	-59.4	6.6	6	96	268	13	100	16023	0	-60.4	7.1	0	94	273	14	100	16112	7	-61.4	8.1	7	95	270	15
150	13384	4	-58.7	5.9	5	98	269	14	150	13485	0	-58.3	6.6	0	91	275	14	150	13579	3	-58.4	7.7	3	94	270	16
200	11577	3	-61.4	4.9	3	96	270	13	200	11685	0	-60.6	5.8	0	86	275	13	200	11777	1	-59.8	7.1	1	89	276	16
300	9057	3	-53.6	5.3	3	79	269	11	300	9122	0	-50.6	6.3	0	80	270	10	300	9197	0	-48.2	7.9	0	79	275	12
500	5570	3	-26.2	7.8	3	86	266	7	500	5600	0	-24.7	8.8	0	86	257	8	500	5628	0	-21.0	11.3	0	87	271	8
700	3048	3	-8.4	11.2	3	93	248	4	700	3066	0	-7.7	11.1	0	91	245	6	700	3058	0	-4.3	14.0	0	85	270	5
850	1517	3	-0.6	10.8	3	15	280	1	850	1525	0	2.6	12.8	0	69	215	2	850	1497	0	5.8	13.8	1	41	235	1
946	* 847		-3.5	3.3					965	* 428		5.1	8.8					983	*	228		8.5	11.2			
ASIA - KUWAIT KUWAIT INTERNATIONAL AIRPORT 2913N 04759E OB 3																										
030	23677	1	-57.0		1	79	258	10	030	23719	19	-55.6	11.1	9	57	293	4	030	23639	21	-30.0	11.6	9	81	296	9
050	20493	0	-63.7		0	96	266	14	050	20502	15	-60.6	9.7	9	91	270	8	050	20407	21	-18.1	13.6	9	80	302	7
100	16351	0	-71.6		0	98	270	34	100																	

ASIA-OMAN

UPPER AIR

JANUARY 1987

ASIA-INDIA

## UPPER AIR

JANUARY 1987

LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED			
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps			
ASIA - INDIA HYDERABAD AIRPORT 1727N 07828E 0B 3																													
030	23934	2	-53.6		2	79	100	5	030												030								
050	20702	0	-61.2		0	31	272	2	050												050								
100	16613	0	-78.7		0	69	259	8	100	16750	7	-75.8		9	64	258	6	100	16727	5	-75.3		6	44	270	4			
150	14249	0	-66.1		0	85	260	16	150	14242	0	-64.8		3	81	261	15	150	14327	2	-64.5		4	73	265	11			
200	12435	0	-52.4		0	87	255	20	200	12442	0	-50.1		1	91	262	23	200	12437	1	-50.7		1	95	230	18			
300	9677	0	-30.4		0	86	265	21	300	9664	0	-28.5		0	98	237	21	300	9718	1	-27.7		1	95	240	19			
500	5864	0	-7.5	12.1	0	75	257	9	500	5834	0	-6.6	14.7	0	79	267	9	500	5865	1	-5.2	5.9	1	60	260	6			
700	3167	0	7.4	15.7	0	35	279	2	700	3134	0	8.0	20.5	0	42	304	3	700	3141	0	9.6	20.4	0	29	125	2			
850	1547	0	15.7	9.0	0	56	88	3	850	1506	0	15.1	5.4	0	65	24	4	850	1536	0	17.9	13.4	0	50	110	3			
957	* 545		21.8	8.2				1000	*	66										1005	*	60							
ASIA - INDIA MADRAS/MINAMBAKKAM 1300N 08011E 0B 3																													
030	23967	8	-54.0		8	97	90	14	030											030									
050	20766	2	-62.7		0	20	107	1	050											050	20798	17	-64.4		9	30	124	4	
100	16686	0	-78.9		0	31	37	2	100	16776	1	-75.3								100	16733	1	-76.9		1	31	138	4	
150	14321	0	-64.9		0	51	208	5	150	14365	0	-63.6		1	25	216	3	150	14352	0	-65.3		0	60	187	9			
200	12503	0	-50.6		0	58	215	8	200	12540	0	-49.6		0	58	217	8	200	12534	0	-50.6		0	55	208	6			
300	9733	0	-28.6		0	55	261	6	300	9750	0	-27.5		0	57	275	7	300	9742	0	-27.8	14.0	0	38	176	3			
500	5874	0	-4.7		0	25	237	2	500	5882	0	-4.0		0	25	232	2	500	5880	0	-3.0	13.6	8	33	129	2			
700	3153	0	9.8		0	43	75	2	700	3154	0	10.4	18.0	0	33	124	2	700	3154	0	9.9	17.3	0	68	99	3			
850	1523	0	16.2	8.6	0	76	63	5	850	1519	0	17.9	12.7	0	80	93	5	850	1520	0	16.7		0	87	88	5			
1012	* 16		24.5	5.5				1008	*	31										1003	*	79							
ASIA - INDIA COCHIN/WILLINGDON 0957N 07616E 0B 3																													
030										030										030	24057	2	-53.8		3	97	96	21	
050										050										050	20835	1	-62.5		1	52	117	3	
100	16689	8	-76.7							100										100	16738	0	-76.3		0	64	95	6	
150	14310	2	-65.7							150										150	14342	0	-64.7		0	60	114	6	
200	12499	0	-51.3							200	12533	0	-50.3		4	67	145	8	200	12525	0	-50.3		0	65	152	8		
300	9729	0	-29.0							300	9741	0	-28.1		2	25	131	2	300	9740	0	-28.0		0	35	147	2		
500	5869	0	-4.1							500	5870	0	-4.4		0	40	104	2	500	5873	0	-3.8		0	45	115	3		
700	3143	0	10.1	5.4						700	3149	0	9.5	15.4	0	1	27	1	700	3147	0	10.7	5.5	0	35	75	2		
850	1509	0	18.1	9.0						850	1521	0	17.1	7.4	0	79	67	3	850	1506	0	17.7	10.3	0	84	52	4		
1011	* 3		27.3	6.6						1011	*	2									1003	*	64						
ASIA - HONG KONG KING'S PARK 2219N 11410E 0B 1																													
030	23834	2	-55.2	31.0	1	19	291	.1	030											030	23701	28	-53.9		9	89	268	14	
050	20626	0	-63.2	25.3	0	91	265	6	050											050	20454	24	-58.1		9	99	268	22	
-100	16572	0	-77.1	22.0	0	95	262	20	100											100	16090	12	-59.2		9	97	270	37	
150	14184	0	-65.0	23.4	0	98	249	34	150											150	13512	0	-52.3		8	98	268	47	
200	12377	0	-51.8	24.6	0	98	254	37	200											200	11651	0	-50.5		0	98	267	53	
300	9628	0	-31.4	26.9	0	96	263	34	300	8896	1	-51.0	7.9	0	92	285	11	300	9008	0	-48.6	9.3	0	97	270	42			
500	5833	0	-8.2	31.5	0	95	268	23	500	5421	0	-27.0	10.0	0	88	290	7	500	5496	0	-26.8	12.0	0	94	275	25			
700	3147	0	4.9	20.0	0	84	269	8	700	2942	0	-15.2	10.2	0	70	330	4	700	2985	0	-14.1	11.5	0	90	282	15			
850	1553	0	9.8	9.7	0	15	104	1	850	1458	0	-10.6	7.3	0	70	275	4	850	1476	0	-5.6	16.3	0	78	298	9			
1015	* 66		15.2	4.7						1021	*	38									1023	*	6						
ASIA - JAPAN WAKKANAI 4525N 14141E 0B 2																													
030	23547	4	-50.6		7	77	225	10	030	23546	5	-52.2		9	88	224	9	030	23588	3	-52.3		7	76	236	7			
050	20217	1	-50.7		2	90	245	14	050	20255	0	-52.1		1	93	249	16	050	20283	3	-51.0		3	92	246	15			
100	15685	0	-49.7		0	97	263	26	100	15764	0	-51.6		1	98	265	32	100	15783	0	-50.6		0	98	261	29			
150	13036	0	-50.0		0	98	266	30	150	13129	0	-50.9	</td																

ASIA-JAPAN

## UPPER AIR

JANUARY 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE mb	HEIGHT gpm	MISSING DAYS			MISSING DAYS			MISSING DAYS	MISSING DAYS	MISSING DAYS			MISSING DAYS			MISSING DAYS	MISSING DAYS	MISSING DAYS			MISSING DAYS					
		MEAN °C	DEW POINT °C	STEADINESS %	MISSING DAYS	MISSING DAYS	MISSING DAYS			MISSING DAYS			MISSING DAYS													
ASIA - JAPAN AKITA 3943N 14006E OB 2																										
030	23600	9	-53.9		9	75	250	8	030	23632	1	-54.0		6	85	252	8	030	23574	3	-56.1		5	95	259	11
050	20331	3	-55.3		4	93	256	18	050	20370	0	-55.8		0	97	256	15	050	20345	0	-57.5		3	99	261	19
100	15895	0	-54.8		0	99	265	40	100	15975	0	-56.3		0	99	264	40	100	15990	0	-58.5		2	99	265	41
150	13302	0	-53.5		0	98	263	46	150	13383	0	-53.1		0	99	266	55	150	13415	0	-53.3		2	99	265	55
200	11436	0	-50.4		0	98	264	47	200	11519	0	-50.8		0	98	265	58	200	11551	0	-50.9		2	99	265	57
300	8784	0	-48.9		0	95	269	44	300	8876	0	-48.9		0	95	264	47	300	8906	0	-48.8		0	96	269	50
500	5321	0	-32.0	10.8	0	96	273	33	500	5386	0	-28.5	13.8	0	96	271	32	500	5416	0	-28.8	13.2	0	94	275	32
700	2880	0	-18.9	8.4	0	92	267	19	700	2907	0	-14.6	13.6	0	94	274	23	700	2938	0	-15.1	10.3	0	92	271	19
850	1411	0	-10.5	4.1	0	85	270	12	850	1418	0	-8.3	6.5	0	84	274	14	850	1448	0	-6.8	4.1	0	81	269	10
1016	* 10								1012	* 43								1018	* 6							
ASIA - JAPAN TATENO 3603N 14008E OB 2																										
030	23641	2	-55.1		3	96	254	11	030	23678	1	-55.4		1	88	252	10	030	23655	3	-56.0		6	96	260	11
050	20405	0	-57.9		0	98	258	16	050	20456	1	-60.6		1	94	260	15	050	20416	0	-58.9		0	97	262	18
100	16073	0	-60.3		0	99	264	44	100	16214	0	-65.4		0	99	264	47	100	16098	0	-60.8		0	99	267	42
150	13521	0	-54.8		0	99	263	60	150	13715	0	-58.9		0	99	262	73	150	13548	0	-55.2		0	99	265	56
200	11663	0	-50.5		0	99	263	66	200	11878	0	-51.0		0	99	262	79	200	11692	0	-50.3		0	98	265	59
300	8996	0	-46.2		0	98	264	54	300	9172	0	-39.7		0	99	261	68	300	9027	0	-46.3	13.9	0	98	268	47
500	5469	0	-26.0	13.7	0	95	267	31	500	5565	0	-21.4	15.6	0	96	266	36	500	5494	0	-25.8	14.7	0	95	275	28
700	2958	0	-11.5	12.7	0	87	267	16	700	3010	0	-6.2	19.9	0	92	272	20	700	2984	0	-11.5	15.3	0	90	279	17
850	1446	0	-3.3	8.9	0	74	258	8	850	1474	0	0.5	6.4	0	86	270	11	850	1477	0	-4.9	4.3	1	77	276	9
1014	* 31								999	* 153								1021	* 8							
ASIA - JAPAN SHIONOMISAKI 3327N 13546E OB 2																										
030	23684	4	-55.7		9	95	254	9	030	23665	4	-56.8		5	93	257	10	030	23707	5	-55.8		5	96	261	13
050	20453	2	-60.4		2	96	262	16	050	20446	0	-61.2		1	96	264	15	050	20492	2	-61.8		3	91	259	13
100	16197	0	-64.2		0	99	263	48	100	16174	0	-64.1		0	99	264	46	100	16275	0	-67.2		0	99	265	48
150	13685	0	-57.8		0	99	262	69	150	13656	0	-56.8		0	98	265	65	150	13789	0	-59.4		0	98	264	67
200	11838	0	-49.9		0	98	262	78	200	11807	0	-50.4		0	98	265	73	200	11954	0	-50.7		0	98	265	75
300	9137	0	-42.0		0	98	263	63	300	9124	0	-43.6		0	98	268	56	300	9237	0	-38.7		0	98	265	61
500	5554	0	-22.7	15.1	0	97	269	32	500	5556	0	-23.3	14.3	0	96	272	30	500	5609	0	-20.3	14.4	0	98	273	31
700	3010	0	-7.3	19.2	0	94	270	18	700	3019	0	-8.4	15.8	0	91	281	16	700	3045	0	-5.8	16.9	0	92	280	16
850	1478	0	-0.7	11.0	0	79	283	10	850	1494	0	-3.0	10.0	0	81	287	9	850	1504	0	0.9	16.0	0	78	294	9
1011	* 75								1021	* 14								988	* 283							
ASIA - JAPAN NAZE/FUNCHATOGE 2823N 12933E OB 2																										
030	23720	1	-56.5		3	90	264	9	030	23748	1	-57.4		5	41	247	3	030	23745	1	-56.7		2	93	264	8
050	20523	1	-63.2		1	96	265	12	050	20565	11	-64.3		1	90	261	7	050	20557	1	-63.8		1	97	265	11
100	16405	0	-73.2		0	99	263	41	100	16525	0	-77.0		0	97	263	29	100	16491	0	-75.4		0	98	263	31
150	13983	0	-63.4		0	98	263	58	150	14141	0	-65.2		0	98	256	44	150	14088	0	-64.5		0	99	260	45
200	12168	0	-51.4		0	98	263	63	200	12338	0	-52.5		0	98	260	47	200	12278	0	-51.7		0	98	262	47
300	9426	0	-33.1	16.1	0	97	263	59	300	9594	0	-31.3	17.4	0	96	264	43	300	9529	0	-31.4	18.1	0	96	263	45
500	5706	0	-14.5	16.8	0	97	269	30	500	5806	0	-9.1	20.9	0	96	267	28	500	5759	0	-11.3	21.2	0	97	266	29
700	3092	0	-1.8	17.8	0	93	280	14	700	3138	0	-2.9	16.5	0	87	278	10	700	3116	0	0.5	19.1	0	92	280	12
850	1532	0	4.3	8.9	0	81	303	8	850	1552	0	7.5	6.5	0	44	338	3	850	1543	0	5.6	8.9	0	51	333	4
988	* 295																									
ASIA - JAPAN MINAMIDAITOJIMA 2550N 13114E OB 2																										
030	23736	2	-56.3		4	66	266	4	030									030	23739	11	-56.8		9	99	95	13
050	20542	1	-63.8		2	88	264	7	050									050	20566	9	-66.0		9	38	85	2
100	16481	0	-76.8		1	98	260	30	100									100	16551	3	-81.2		3	27	150	2
150	14091	0	-64.9		1	98	259	48	150	14236																

ASIA-THAILAND

## UPPER AIR

JANUARY 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps		
mb	gpm																											
ASIA - THAILAND SONGHLA 0712N 10036E OB 1																												
030	23699	11	-61.1		9	95	90	16	030	23499	10	-47.9	9.2	9	56	272	5	030	23585	6	-54.9	6.7	9	75	260	8		
050	20570	10	-68.3		9	51	270	4	050	20142	8	-48.2	8.5	9	88	275	11	050	20338	4	-57.2	7.3	6	95	274	11		
100	15562	3	-79.8		3	66	105	6	100	15623	3	-51.9	7.1	7	92	286	12	100	15940	2	-58.9	7.0	3	0	277	14		
150	14214	2	-68.5		2	84	130	14	150	13005	3	-53.3	6.1	6	92	291	12	150	13387	0	-58.5	6.7	2	96	281	13		
200	12427	0	-54.1		0	82	140	10	200	11167	2	-55.8	5.4	4	89	298	12	200	11589	0	-60.9	7.3	1	92	281	12		
300	96898	0	-30.7	11.3	0	63	100	6	300	8610	1	-56.7	4.4	3	89	303	13	300	9049	0	-53.1	7.3	1	74	286	9		
500	5865	0	-5.3	11.2	0	65	90	6	500	5234	0	-36.6	4.9	0	86	312	10	500	5564	0	-26.9	8.9	1	86	295	6		
700	3147	0	9.2	10.8	0	74	75	5	700	2839	0	-24.8	4.1	1	85	319	6	700	3048	0	-9.2	10.9	0	50	303	2		
850	1517	0	15.8	3.6	0	90	65	9	850	1413	0	-20.9	2.7	2	75	316	3	850	1526	0	-6.6	4.5	0	40	122	1		
1012	* 5		25.1	3.0					948	* 611		-28.2	2.1					920	* 919		-12.9	2.5						
ASIA - CHINA LANZHOU 3603N 10353E OB 1																												
030	23646	3	-56.7	13.2	6	33	278	2	030	23594	11	-55.2	8.8	9	76	305	5	030	23716	3	-59.3		6	73	278	4		
050	20437	3	-59.7	12.6	4	93	277	7	050	20339	8	-56.1	9.7	9	96	285	10	050	20571	1	-65.9		5	92	270	6		
100	16123	0	-60.8	9.3	0	0	270	18	100	15942	3	-56.1	9.7	8	98	277	16	100	16405	1	-67.0		4	93	272	19		
150	13580	0	-56.9	9.8	0	0	271	22	150	13356	2	-54.3	9.6	6	97	276	20	150	13908	1	-58.0		3	96	267	26		
200	11752	0	-56.3	9.2	0	98	273	21	200	11518	2	-55.4	8.7	4	96	279	20	200	12062	0	-51.3	12.5	2	96	265	22		
300	9161	0	-49.7	8.8	0	97	279	16	300	8937	1	-53.0	8.9	2	90	286	15	300	9377	0	-44.1	12.8	0	95	270	18		
500	5621	0	-23.2	12.3	0	93	285	7	500	5470	0	-29.0	11.8	1	90	293	10	500	5726	0	-15.8	14.9	0	78	252	4		
700	3073	0	-7.8	12.5	0	50	264	2	700	2983	0	-14.0	11.5	1	88	308	7	654	* 3650		-8.5	10.7						
850	* 1518									1022	* 55																	
ASIA - CHINA KUNMING 2501N 10241E OB 1																												
030	23698	9	-59.1		9	88	270	4	030	23715	2	-57.0		4	80	284	4	030	23738	1	-58.5		8	60	288	2		
050	20541	6	-66.9		9	0	274	6	050	20521	2	-62.9		7	94	265	8	050	20583	0	-67.7		6	0	268	5		
100	16512	4	-74.5		8	97	268	16	100	16325	2	-66.9		7	98	267	24	100	16572	0	-76.6		4	96	263	13		
150	14089	1	-62.4		4	98	260	23	150	13836	2	-59.4	10.4	6	97	267	34	150	14172	0	-64.1		4	98	251	20		
200	12267	1	-51.3	10.5	2	98	260	26	200	11996	1	-50.3	10.9	3	98	264	38	200	12359	0	-51.8	12.8	2	98	254	22		
300	9531	0	-33.7	12.6	0	96	265	24	300	9281	1	-39.7	11.2	1	98	266	30	300	9612	0	-31.8	15.9	0	95	262	20		
500	5791	0	-11.1	15.1	0	96	270	13	500	5653	0	-19.0	12.1	0	93	277	13	500	5824	0	-8.9	17.8	0	96	269	13		
700	3127	0	2.7	7.3	0	92	271	6	700	3074	0	-5.2	12.2	0	86	280	6	700	3145	0	3.0	10.6	0	82	275	5		
814	* 1892		5.0	2.1						850	1530	0	0.1	10.9	0	67	288	3	850	1555	0	8.9	6.5	0	17	170	1	
AFRICA - PORTUGAL FUNCHAL 3238N 01654W OB 2																												
030	23680	10	-60.8		9	96	271	18	030										030	20442	11	-64.1		9	89	272	14	
050	20530	9	-64.1		9	92	266	11	050										050	20442	9	-64.8		9	91	264	13	
100	16320	8	-65.8		8	88	279	14	100										100	16216	3	-61.5		7	82	273	21	
150	13820	7	-61.3		7	78	282	18	150										150	13725	4	-60.2		9	78	286	22	
200	12030	6	-58.6		6	66	285	16	200	12294	2	-55.3		2	87	262	29	200	11940	4	-43.9		5	73	286	20		
300	9400	4	-42.6		4	63	277	15	300	9600	2	-37.1		2	67	265	20	300	9327	4	-17.4	12.2	4	74	277	15		
500	5740	1	-14.8	15.0	1	62	273	11	500	5877	2	-10.5	6.2	2	65	250	13	500	5697	4	-0.2	12.8	2	69	269	9		
700	3100	0	2.2	17.2	0	43	248	6	700	3177	2	8.1	16.0	2	63	245	9	700	3095	2	10.0	14.1	3	33	240	2		
850	1510	0	8.6	1.8	0	39	233	4	850	1541	2	18.2	23.9	2	32	110	6	850	1517	1	8.3	13.1	2	69	278	6		
1011	* 56		17.4	5.6						1011	* 55		21.6	6.0						1013	* 62		15.1	7.2				
AFRICA - ALGERIA DAR-EL-BEIDA 3643N 00315E OB 3																												
030										030									030									
050										050									050									
100	16138	7	-62.8		9	89	280	22	150	13699	1	-59.5		4	9	170	28	150	13764	3	-60.7		9	89	272	14		
150	13609	0	-58.4		9	86	290	23	200	11893	0	-57.4		0	8	170	26	200	11969	3	-58.5		7	91	264	13		
200	11832	0	-58.1		9	62	280	18	300	9284	0	-45.0		0	8	160	24	300	9354	3	-44.1		5	73	286	20		
300	9194	0	-46.3		9	76	280	14	500	5663	0	-17.9	11.5	0	8	160	17	500	5718	3	-16.2	16.4	4	54	310	7		
500	5611	0	-20.2	12.6	9	85	270																					

## AFRICA—ALGERIA

UPPER AIR

JANUARY 1987

AFRICA-ZIMBABWE

## UPPER AIR

JANUARY 1987

N AMER-USA

## UPPER AIR

JANUARY 1987

N AMER-USA

## UPPER AIR

JANUARY 1987

LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND				
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED				
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps				
		N AMERICA - USA ST. CLOUD/WHITNEY, MN. 4533N 09404W OB 2								N AMERICA - USA INT. FALLS/FALLS INT., MN. 4834N 09323W OB 2									N AMERICA - USA BISMARCK/MUN., ND. 4646N 10045W OB 2											
030	20372	11	-57.6						030	23585	11	-57.3					030	23643	11	-56.9					6	82	317	6		
050	15989	8	-55.6		9	90	288	15	050	20352	5	-56.4		5	86	316	8	050	20402	4	-57.0					5	90	294	14	
100	15989	8	-55.6		9	90	286	21	100	15924	5	-53.7		5	91	302	14	100	16001	2	-55.5					4	90	290	18	
150	13375	5	-52.5		5	90	286	21	150	13301	4	-51.4		4	93	299	18	150	13404	1	-53.0					3	82	296	21	
200	11525	2	-53.6		3	85	293	23	200	11434	4	-52.3		4	86	303	19	200	11552	1	-54.2					3	69	309	21	
300	8912	2	-49.7		2	76	296	22	300	8827	1	-50.5		1	73	301	21	300	8945	0	-50.2					1	77	316	16	
500	5412	0	-26.9	10.0	0	73	297	14	500	5355	0	-28.9	8.7	0	74	302	14	500	5441	0	-26.4	9.9				1	87	314	12	
700	2909	0	-12.2	11.7	0	73	302	10	700	2870	0	-14.0	9.6	0	74	302	9	700	2928	0	-10.8	11.6	1			1	77	312	9	
850	1406	0	-7.4	8.8	0	55	290	6	850	1379	0	-9.5	6.7	0	58	293	6	850	1414	0	-4.4	9.2	2			1	77	262	9	
977	* 312		-9.6	2.0					970	* 361		-13.6	2.0					954	* 506		-8.1	2.3								
		N AMERICA - USA GREAT FALLS/INT., MT. 4729N 11122W OB 2								N AMERICA - USA SPOKANE/INT., WA. 4738N 11732W OB 2									N AMERICA - USA QUILLAYUTE, WA. 4756N 12433W OB 2											
030	23679	15	-57.1		6	67	335	5	030	23703	5	-56.3		5	68	60	7	030	20502	3	-56.4					5	28	307	2	
050	20439	6	-57.1		4	81	297	12	050	20461	5	-56.8		5	59	357	4	050	16095	3	-56.9					7	79	288	10	
100	16048	2	-55.8		4	81	297	12	100	16074	4	-56.4		8	77	289	11	100	13498	1	-54.1					5	71	284	14	
150	13458	2	-54.2		5	79	296	15	150	13484	1	-54.4		6	78	292	14	150	11657	0	-55.5					5	68	286	15	
200	11620	2	-56.8		5	72	302	17	200	11645	1	-56.6		8	67	293	17	200	9054	0	-49.6					1	57	266	18	
300	9034	1	-49.8		2	65	298	22	300	9057	1	-49.9		2	59	280	21	300	5524	0	-24.1	9.4	0			0	54	257	13	
500	5513	0	-25.3	11.7	0	71	301	13	500	5529	0	-25.0	9.0	0	57	280	12	500	2986	0	-8.0	8.5	0			0	64	241	10	
700	2985	0	-8.8	12.0	0	81	291	11	700	2999	0	-9.4	8.8	0	66	269	8	700	3146	9	8.1	17.3	9	9	72	1	43	253	4	
850	1455	0	-0.2	12.4	2	87	250	10	850	1478	0	-3.4	5.3	2	62	228	5	850	1524	9	14.6	4.9	9	59	111	4				
886	* 1115		-2.0	8.8					935	* 721		-4.3	1.2					1009	* 62		4.2	1.2								
		N AMERICA - USA (BERMUDA) BERMUDA NAVAL AIR STATION KI 3222N 06441W OB 2								N AMERICA - BAHAMAS NASSAU AIRPORT 2503N 07728W OB 2									N AMERICA - JAMAICA KINGSTON/NORMAN MANLEY 1756N 07647W OB 2											
030									030	20551	7	-66.9					030	23733	9	-56.5					9	27	38	2		
050									050	16521	6	-77.1					050	20541	9	-65.3					9	36	273	3		
100									100	16521	3	-63.7					100	16550	9	-79.9					9	85	261	12		
150									150	12301	2	-54.5					150	14173	9	-65.6					9	81	263	19		
200	12121	12	-55.2		8.4	3	88	274	29	200	9582	6	-34.0		3	96	267	32	200	12377	9	-54.2					9	94	259	25
300	9445	2	-38.4	8.4	3	88	266	23	300	5827	6	-8.8	8.2	1	79	260	16	300	9660	9	-34.0	11.9	9			9	89	270	17	
500	5741	2	-12.7	15.3	2	86	269	15	500	3136	6	7.2	8.2	3	73	247	8	500	5863	9	-5.5	22.1	9			9	43	253	4	
700	3091	2	2.3	14.3	2	86	269	15	700	1526	6	11.2	8.8	0	35	250	4	700	3164	0	9.4	21.6	0			0	83	110	6	
850	1505	2	7.3	3.1	2	71	269	9	850	1539	0	13.6	4.3	0	84	108	7	850	1532	0	15.4	3.5	0			0	93	90	8	
1014	* 6		17.5	5.7					1016	* 8		21.3	1.9					1013	* 15		24.2	2.4								
		N AMERICA - COSTA RICA JUAN SANTAMARIA 1000N 08413W OB 2								N AMERICA - ST. MARTIN, ST. BARTHELEMY LE RAIZET, GUADELOUPE 1616N 06131W OB 2									N AMERICA - TRINIDAD AND TOBAGO PIARCO INT. AIRPORT, TRINIDAD 1037N 06121W OB 3											
030	23812	18	-55.7		9	87	90	18	030	23767	5	-57.2		7	77	85	6	030	23763	23	-58.5					9	96	90	16	
050	20624	11	-64.8		9	21	31	5	050	20599	3	-67.5		3	42	16	3	050	20593	17	-65.5					9	35	310	2	
100	16597	5	-79.3		5	49	109	8	100	16610	0	-77.3		0	51	333	6	100	15877	4	-80.3					5	47	5	5	
150	14222	4	-65.5		4	78	223	14	150	14217	0	-63.8		0	79	311	13	150	14221	0	-66.1					1	89	310	13	
200	12419	4	-52.8		4	96	217	20	200	12400	0	-51.6		0	77	310	13	200	12420	1	-52.3					2	90	290	15	
300	9681	2	-31.9	13.0	2	86	230	12	300	9669	0	-33.1	18.1	0	50	329	6	300	9685	1	-32.7	20.4	1			1	70	305	9	
500	5856	1	-4.6	16.1	1	47	83	7	500	5876	0	-6.0	23.0	0	47	105	4	500	5880	0	6.3	23.4	0			0	38	100	3	
700	3134	1	11.2	13.8	1	63	92	5	700	3163	0	9.4	21.0	0	67	113	6	700	3164	0	9.4	21.6	0			0	83	110	6	
850	1494	1	17.7	6.7	1	99	85	9	850	1539	0	13.6	4.3	0	84	108	7	850	1517	0	15.9	1.8	0			0	98	90	8	
909	* 939		18.5	5.1					1016	* 8		21.3	1.9					1013	* 15		24.2	2.4								
		N AMERICA - CURACAO AND BONAIRE HATO AIRPORT, CURACAO 1212N 06858W OB 3								S AMERICA - COLOMBIA BOGOTA/ELDORADO 0442N 07408W OB 1									S AMERICA - FRENCH GUIANA CAYENNE/ROCHAMBEAU 0450N 05222W OB 2											
030	23788	7	-58.1		8	99	89	13	030	16549</																				

S AMER-BRAZIL

## UPPER AIR

JANUARY 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
mb	gpm		°C	°C	%		°	mps	mb	gpm		°C	°C	%		°	mps	mb	gpm		°C	°C	%		°	mps	
S AMERICA - BRAZIL BELEM (AEROPORTO) 0123S 04829W OB 2																											
030	23802	4	-59.0		5	82	89	13	030	16641	23	-75.6		9	74	310	12	030	20628	/							
050	20682	4	-68.3		3	55	260	5	050	14270	20	-64.9		9	46	243	10	100	16574	12	-75.9		9	11	129	1	
100	16665	3	-78.2		3	63	267	8	100	12489	20	-50.2		9	75	246	10	150	14175	12	-64.8		9	31	239	4	
150	14271	3	-65.1		3	64	246	7	150	9702	18	-29.8	12.4	9	52	252	6	200	12378	12	-53.6		9	38	261	6	
200	12466	3	-52.0		3	53	224	6	200	5879	17	-5.5	7.6	9	56	197	3	300	9655	11	-33.3		8	32	227	4	
300	9715	3	-31.6	9.2	3	45	242	3	300	5879	17	-5.5	7.6	9	84	111	9	500	5872	10	-6.5		8	71	64	6	
500	5892	3	-5.6	5.9	3	20	100	1	500	3157	17	9.7	8.4	9	89	151	9	700	3165	9	9.8	14.7	8	84	84	8	
700	3168	3	9.6	8.7	3	82	92	6	700	1522	15	18.0		9	95	91	11	850	1531	9	16.3	5.1	8	87	94	7	
850	1529	3	17.6	4.5	3	96	82	7	1006	* 51	26.8	3.3					1013	*	7	18.3	5.0						
1011	*	16	26.2	3.7																							
S AMERICA - BRAZIL BRASILIA (AEROPORTO) 1552S 04756W OB 2																											
030	23897	12	-56.0		9	99	84	22	030	16595	20	-75.5		9	100	93	7	030	23940	6	-54.0	10.0	5	97	96	16	
050	20726	11	-65.5		9	99	87	14	050	14202	19	-66.7		9	72	125	10	100	16646	2	-75.5		2	67	175	6	
100	16684	10	-77.0		9	88	117	11	100	12492	18	-54.9		9	62	108	10	150	14257	2	-65.4		2	59	213	10	
150	14296	9	-65.1		9	74	134	15	150	9710	17	-34.5	20.0	9	56	75	5	200	12449	1	-52.4		1	60	222	11	
200	12489	9	-52.4		9	68	150	12	200	5925	16	-5.6	25.5	9	46	95	3	300	9706	2	-31.9	12.6	1	43	261	5	
300	9733	9	-30.8	11.7	9	53	147	5	300	5925	16	-5.6	25.5	9	67	86	4	500	5891	1	-6.2	11.9	1	64	308	5	
500	5905	9	-5.6	10.8	9	31	9	2	500	3201	16	11.1	24.0	9	67	76	6	700	3176	1	9.2	7.7	1	77	312	5	
700	3182	9	9.0	5.7	9	71	1	5	700	1561	16	15.4	6.3	9	100	76	6	850	1533	1	19.2	7.0	1	77	321	5	
850	1534	9	19.1	5.0	9	22	352	1	1017	*	5	27.5	5.8					1008	*	6	27.7	7.2					
898	* 1061		21.8	4.9																							
S AMERICA - BRAZIL SAO PAULO (AEROPORTO) 2337S 04639W OB 2																											
030	23874	11	-55.5		9	97	100	15	030	24010	3	-52.6		8	91	86	10	030	23982	10	-54.5		9	96	66	11	
050	20687	11	-64.7		9	95	96	9	050	20783	1	-64.2		5	75	87	8	050	20760	9	-63.0		9	59	64	5	
100	16639	9	-76.1		9	61	175	6	100	16683	0	-75.4		3	57	214	7	100	16632	21	-73.3		9	83	218	13	
150	14256	7	-65.4		7	66	226	10	150	14268	0	-63.6		1	71	233	10	150	14212	20	-62.8		9	89	230	24	
200	12449	8	-51.6		7	53	223	9	200	12447	0	-51.4		2	68	234	11	200	12391	19	-51.0		7	87	219	25	
300	9697	7	-30.9	10.6	7	59	246	7	300	9695	0	-31.4	13.4	1	77	246	10	300	9636	19	-32.5	14.5	5	83	227	18	
500	5882	7	-5.9	10.0	7	47	280	4	500	5870	0	-5.9	14.2	0	69	258	6	500	5841	19	-7.9	16.1	4	75	240	9	
700	3167	7	9.1	5.5	7	67	314	5	700	3158	0	8.9	9.7	0	77	283	5	700	3134	19	8.5	17.0	4	75	257	6	
850	1526	7	17.9	3.9	7	64	337	5	850	1524	0	17.6	4.5	0	60	335	3	850	1501	19	15.0	6.3	4	67	280	5	
924	* 803		23.1	5.2					913	* 908		20.9	4.4					1011	*	3	24.8	5.2					
S AMERICA - PERU LIMA-CALLAO/AEROPORTO INT. 1200S 07707W OB 2																											
030	23855	10	-54.6		9	86			030	16569	4	-67.6		9	53	260	5	030	23955	1	-53.9		1	96	78	14	
050	20654	8	-65.1		9				050	14220	3	-65.8		9	68	305	15	050	20739	0	-62.6		0	84	81	10	
100	16610	2	-69.9		9				100	12420	1	-52.5		9	72	290	12	100	16655	0	-74.8		0	59	217	7	
150	14150	0	-60.4		150				150	9676	0	-30.1	12.3	9	75	265	10	150	14249	0	-64.1		0	84	250	22	
200	12320	0	-50.8		200				200	5852	0	-5.1	7.1	7	22	190	1	200	12437	0	-51.1		1	85	249	23	
300	9596	0	-32.6	16.1	0	87	271	18	300	5810	0	-8.8	20.5	0	700	3129	0	300	9680	0	-30.3	14.6	1	81	243	16	
500	5820	0	-8.1	31.1	0	69	253	6	500	3130	0	8.1	6.5	0	700	3137	0	500	5857	0	-5.0	15.5	1	60	238	5	
700	3124	0	8.1	2.2	0	5	158	3	700	1489	0	18.1	7.9	1	23	135	1	700	3137	0	9.6	10.3	1	22	294	2	
850	1493	0	17.9	8.3	0	46	34	4	850	1495	0	21.8	8.9			50	1	850	1499	0	19.1	7.3	1	53	342	4	
957	* 474		20.7	2.9					932	* 704								1009	*	20		22.2	4.5				
S AMERICA - ARGENTINA CORDOBA AERO 3119S 06413W OB 2																											
030	24020	6	-51.5						030	16610	2	-69.9						030	23962	4	-53.1		4	96	95	9	
050	20780								050	14150	0	-60.4						050	20714	3	-71.0		3	52	90	2	
100	16543	2	-69.3						100	12320	0	-50.8						100	16543	2	-69.3		2	89	260	16	
150	14080	0	-61.0						150	9589	0	-34.0	22.6					150	12257	0	-51.8		0	92	265	1	

S AMER-ARGENTINA

## UPPER AIR

JANUARY 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps		
S AMERICA - ARGENTINA SANTA ROSA AERO 3634S 06416W OB 2																												
030	23956	10	-52.3						030	20705	1	-57.5			1	80	180	3	030	24034	14	-48.6						
050	20688	9	-57.9						050	21453	1	-64.8			1	99	268	19	050	20741	14	-52.9						
100	16479	7	-67.7						100									100	16315	12	-58.6							
150	13947	6	-60.7						150	13953	0	-58.9			1	95	273	29	150	13748	12	-54.5						
200	12181	3	-63.1						200	12127	0	-54.1			0	93	275	14	200	11881	8	-53.9						
300	9489	2	-37.1	17.9					300	9449	0	-39.8			0	91	274	23	300	9240	1	-43.6	15.0	1	86	261		
500	5779	0	-11.6	8.2	4	93	260	14	500	5755	0	-13.1	22.0	0	94	268	14	500	5607	1	-16.8	18.8	1	92	264			
700	3133	0	6.4	13.2	3	71	257	5	700	3104	0	4.8	16.2	0	73	278	8	700	2997	0	-0.3	19.4	0	88	261			
850	1488	0	17.4	14.1	4	40	305	3	850	1490	0	15.4	17.2	0	51	260	4	850	1420	0	8.7	15.6	0	89	252			
989	* 191		19.0	3.6					* 271		19.1	11.3						1001	*	46		17.3	14.4					
ANTARCTICA - SOUTH AFRICA S.A.N.A.E. STATION 7018S 00221W OB 1																												
030	24184	4	35.6						030	24180	4	35.2							030	24086	0	-38.8						
050	20655	2	-39.3						050	20646	3	-38.6							050	20598	0	-41.0						
100	15953	0	-43.6						100	15931	3	-42.8							100	15917	0	-44.0						
150	13242	0	-45.5						150	13213	3	-45.1							150	12204	0	-45.3						
200	11333	0	-47.4						200	11302	3	-47.2							200	11289	0	-48.2						
300	8692	0	-51.5	7.8	0	14	33	3	300	8653	3	-52.1	11.3						300	8629	0	-51.8						
500	5219	0	-28.7	9.3	0	26	62	3	500	5203	3	-30.7	9.3	9	55				500	5182	0	-30.9	9.5	0	63	64		
700	2744	0	-15.4	8.4	0	81	84	7	700	2745	3	-16.6	7.0	5	71				700	2725	0	-16.8	7.7	0	81	63		
850	1257	0	-7.3	7.6	0	81	83	7	850	1262	3	-8.1	7.3	5	75				850	1244	0	-7.8	7.5	0	86	42		
990	* 0		-4.7	5.7					994	*	32		-3.2	3.1					993	*	21		-1.9	4.5				
ANTARCTICA - FRANCE DUMONT D'URVILLE 6640S 14001E OB 1																												
030									030	23745	8	-60.5			9	99			030	23723	5	-59.1			9	99	87	
050									050	20625	0	-68.9			0	39	236	2	050	20589	2	-67.9			9	37	239	
100	16024	8	-45.2						100	16601	0	-79.3			0	69	86	6	100	16545	0	-78.8			9	83	108	
150	13315	5	-46.9						150	14247	0	-68.1			0	96	122	18	150	14149	0	-41.5			3	96	128	
200	11409	4	-47.5						200	12459	0	-53.5			0	90	136	11	200	12419	0	-54.8			3	91	135	
300	8755	1	-50.2						300	9719	0	-30.6	11.1		0	78	100	7	300	9697	0	-31.9	9.6		4	77	99	
500	5247	1	-26.7	5.9	3	30	281	4	500	5881	0	-4.6	10.6	0	87				500	5872	0	-4.7	9.4	3	87	92		
700	2746	1	-12.8	4.3	3	34	111	3	700	3155	0	10.2	9.7	0	81				700	3149	0	9.6	9.5	3	89	82		
850	1251	1	-8.3	4.8	3	85	112	12	850	1515	0	17.9	3.9	0	90				850	1518	0	16.3	3.4	2	96	70		
991	* 43		0.0	6.5					1001	*	4	26.1	4.4						1013	*	5		24.7	3.1				
SW PACIFIC - MALAYSIA KUALA LUMPUR/PETALING JAYA 0306N 10139E OB 3																												
030	23728	11	-57.8			9	99	93	24	030	23679	23	-58.0			9	99	95	23	030	23693	3	-60.3			9	94	86
050	20579	1	-68.7			9	71	267	4	050	20100	4	-70.0			9	80	272	6	050	20582	3	-70.7			6	72	268
100	16541	0	-79.8			9	73	100	7	100	16517	0	-80.5			6	80	114	10	100	16575	2	-78.7			2	45	105
150	14197	0	-69.9			7	97	116	19	150	14182	0	-70.7			3	97	125	20	150	14223	0	-69.0			0	98	111
200	12419	0	-54.4			4	92	124	11	200	12409	0	-54.1			1	57	129	7	200	12440	0	-53.5	8.5		0	94	119
300	9684	0	-31.6	10.5	3	76	179	6	300	9676	0	-31.4	6.3	1	82	98	7	300	9693	0	-30.3	7.5		0	87	107		
500	5861	0	-6.0	7.9	4	87	79	6	500	5851	0	-5.9	9.2	0	89	83	7	500	5857	0	-4.9	5.5	0	87	94			
700	3147	0	8.3	5.0	4	76	62	4	700	3138	0	8.3	1.8	11	81	63	6	700	3136	0	9.3	5.2	0	77	47			
850	1515	0	16.3	2.1	3	92	33	6	850	1511	0	14.9	2.9	0	94	38	10	850	1500	0	17.0	3.4	0	92	16			
1001	* 57		25.2	2.7		4	39	296	6	1014	*	45		23.3	1.4	0	66	41	6	1008	*	16		26.7	4.6			
SW PACIFIC - USA (PACIFIC OCEAN NORTH) MIDWAY ISLAND 2813N 17722W OB 2																												
030									030	23754	8	-57.1			0	77	273	4	030	23729	6	-56.9			9	58	304	
050									050	20583	4	-67.5			5	54	294	3	050	20553	2	-65.8			6	44	310	
100	16495	11	-74.8						100	16553	1	-77.3			2	93	282	16	100	16533	1	-78.2			5	84	289	
150	14071	8	-64.0						150	14150	0	-64.4			0	87	289	23	150	14157	0	-65.4			3	89	277	
200	12218	6	-52.3						200	12342	0	-52.6			0	82	294	25	200	12352	0	-52.6			3	81	281	
300	9523	5	-34.1			7	84	277	40	300	9612	0	-33.6			0	77	299	19	300	9618	0	-33.1			2	78	290
500	5782	1	-11.8	16.0	2	92	269	25	500	5841	0																	

SW PAC-USA

## UPPER AIR

JANUARY 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING	MEAN	DEW POINT	MISSING	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING	MEAN	DEW POINT	MISSING	STEADINESS	PRESSURE	HEIGHT	MISSING	MEAN	DEW POINT	MISSING	STEADINESS	DIRECTION	SPEED			
mb	gpm		°C	°C	%	%	°	mb	9pm		°C	°C	%	%	°	mb	9pm		°C	°C	%	%	°	mps		
SW PACIFIC - USA (PACIFIC OCEAN NORTH) TRUK, CAROLINE IS. 0728N 15151E OB 1																										
SW PACIFIC - VANUATU BAUERFIELD (EFATE) 1742S 16818E OB 1																										
030	23815	4	-60.1		4	99	90	22	030	23775	1	-57.4	28.9	1	98	85	15	030	23860	23	-57.8		9	98	84	16
050	20678	2	-67.6		3	13	304	1	050	20601	0	-51.4	23.3	0	96	87	11	050	20670	4	-65.9		9	96	92	11
100	16680	2	-81.9		8	96	96	15	100	16590	0	-83.6	15.3	2	63	273	7	100	16634	0	-76.9		1	60	262	8
150	14324	6	-66.1		8	89	104	11	150	14235	0	-42.7	16.1	1	76	279	15	150	14235	0	-63.2		1	74	266	16
200	12519	7	-51.4		7	82	115	9	200	12433	0	-51.9	18.1	1	80	279	18	200	12413	0	-50.2		0	72	265	18
300	9751	7	-29.1	14.0	7	89	91	8	300	9679	0	-30.5	19.7	0	76	275	14	300	9656	0	-31.2	16.4	0	74	260	13
500	5894	1	-4.0	15.9	7	96	93	12	500	5855	0	-4.7	24.5	0	64	273	5	500	5842	0	-4.9	20.8	0	67	258	6
700	3158	1	11.0	14.5	4	84	89	7	700	3133	0	10.1	17.0	0	28	304	2	700	3127	0	9.3	20.9	0	33	238	2
850	1516	3	17.6	4.8	5	93	81	9	850	1498	0	16.3	4.4	0	67	102	4	850	1502	0	14.5	5.8	0	21	56	1
1011	*	2	27.9	4.4					1008	*	21	27.9	6.1					1004	*	72	26.8	6.6				
SW PACIFIC - NEW ZEALAND (KIRIBATI) TARAWA 0121N 17255E OB 1																										
SW PACIFIC - NEW ZEALAND (TUVALU) FUNAFUTI 0831S 17913E OB 1																										
030	23731	3	-57.5						030	23771	8	-54.6						030	23820	4	-55.2		6	99	87	19
050	20589	0	-68.5						050	20584	3	-64.7						050	20629	2	-65.2		4	96	85	13
100	16576	0	-83.4						100	16548	3	-84.2						100	16607	11	-81.5		1	67	287	7
150	14260	0	-69.7	7.5	9	90	86	13	150	14249	1	-70.0						150	14248	1	-66.0		1	87	292	14
200	12477	0	-53.7	8.6	9	84	96	11	200	12469	0	-54.2						200	12445	0	-51.7	11.8	0	94	282	16
300	9728	0	-29.6	9.8	9	85	87	8	300	9720	0	-29.7	9.4	4	39	296	2	300	9689	0	-30.5	14.8	0	86	274	12
500	5879	0	-4.3	7.9	9	70	84	5	500	5868	0	-4.0	7.0	2	36	277	2	500	5855	0	-3.9	20.2	1	67	278	5
700	3149	0	10.3	5.1	7	13	265	1	700	3136	0	10.5	5.7	2	65	265	4	700	3130	0	9.9	16.5	0	32	298	2
850	1503	0	18.2	2.9	6	50	44	3	850	1489	0	18.6	3.3	3	60	264	4	850	1495	0	17.7	5.2	0	40	98	2
1009	*	4	29.4	4.8					1007	*	2	29.2	3.9					1006	*	18	31.5	10.0				
SW PACIFIC - USA (SAMOA) PAGO PAGO/INT. ARPT., AM. SAMOA 1420S 17043W OB 2																										
SW PACIFIC - NEW ZEALAND (COOK IS.) RAROTONGA 2112S 15949W OB 1																										
030	23761	13	-58.2						030	23934	13	-51.6						030	23763	15	-58.3		9	99	92	19
050	20602	11	-66.9						050	20699	8	-61.5						050	20619	4	-68.8		4	94	94	7
100	16615	4	-83.1		5	18	328	1	100	16599	5	-78.5		3	86	257	14	100	16618	0	-79.1		0	35	252	11
150	14271	5	-67.2		5	44	279	7	150	14227	4	-67.1		3	94	265	22	150	14240	0	-65.1		0	34	212	13
200	12473	5	-52.4		5	81	282	9	200	12433	4	-53.1		3	96	267	23	200	12435	0	-52.0		0	36	200	14
300	9716	4	-29.5	12.0	7	78	263	7	300	9686	4	-31.2	10.7	3	87	281	15	300	9685	0	-30.3	13.9	0	78	202	8
500	5870	2	-4.3	9.2	2	48	286	3	500	5860	4	-5.4	9.3	4	67	292	7	500	5854	0	-4.4	14.1	0	32	132	2
700	3140	3	10.4	6.2	3	27	349	1	700	3138	4	10.0	7.2	4	57	350	5	700	3131	0	10.3	16.8	0	31	33	4
850	1493	2	18.1	1.8	3	27	352	2	850	1495	4	17.1	2.0	4	56	32	5	850	1496	0	16.7	5.0	0	39	72	5
1007	*	3	26.4	1.8					1009	*	7	27.0	2.8					1003	*	52	30.5	7.9				
SW PACIFIC - FRENCH POLY. TAHITI-FAAA 1733S 14937W OB 1																										
SW PACIFIC - FRENCH POLY. HAO 1804S 14057W OB 1																										
030	23807	24	-57.3		9	99	85	17	030	23815	25	-57.2		9	98	94	17	030	23900	17	-54.3		9	94	89	11
050	20628	19	-67.8		9	98	89	12	050	20621	12	-66.8		9	97	89	11	050	20695	10	-62.0		9	44	77	3
100	16222	4	-79.3		7	73	224	10	100	16577	6	-77.3		5	73	234	9	100	16531	21	-71.9		7	91	258	17
150	14252	2	-65.4		1	88	225	21	150	14201	0	-66.0		0	86	218	21	150	14098	1	-65.3		6	92	257	23
200	12444	1	-51.8		0	88	230	18	200	12407	0	-53.5		0	82	218	16	200	12307	11	-54.6		5	86	260	21
300	9689	1	-30.1	9.5	0	77	240	8	300	9671	0	-31.4	9.8	0	72	227	8	300	9589	0	-33.8	11.3	2	82	265	17
500	5859	0	-5.0	9.2	0	34	238	2	500	5856	0	-5.7	8.7	0	19	208	1	500	5814	0	-8.1	13.8	0	68	285	9
700	3140	0	9.3	7.5	0	52	27	3	700	3144	0	8.5	6.1	0	33	60	2	700	3124	0	6.7	13.4	0	57	304	6
850	1503	0	17.5	4.2	0	76	42	5	850	1511	0	16.9	4.8	0	69	57	5	850	1509	0	12.7	3.9	0	32	357	3
1010	*	2	29.6	5.7					1011	*	3	28.8	4.8					1014	*	2	23.7	4.8				
SW PACIFIC - NEW ZEALAND KAITAIA 3508S 17316E OB 1																										
SW PACIFIC - NEW ZEALAND CHRISTCHURCH AIRPORT 4329S 17233E OB 1																										
030	23963	3	-50.9		2	98	84	11	030	24035	6	-48.8		9	64	83	4	030	24102	12	-47.6		9	97	85	9
050	20704	2	-58.2		2	78	88	5	050	20727	4	-54.4		5	77	288	9	050	20763	7	-52.4		7	55	58	3
100	16433	0	-65.6		1	81	269	12	100	16347	2	-58.8		5	90	277	15	100	16322	1	-55.2		4	91	277	11
150	13948	0	-60.8		1	83	264	19	150	13792	2	-55.9		3	90	277	15	150	13730	0	-54.5		4	91	279	18
200	12135	0	-55.3		1	74	262	19	200	11962	2	-56.4		0	81	272	21	200	11885	0	-53.7		4	87	276	23
300	9460	0	-39.2</																							

SW PAC-N ZEALAND

UPPER AIR

JANUARY 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps
SW PACIFIC - NEW ZEALAND CAMPBELL ISLAND 5233S 16909E OB 1									SW PACIFIC - NEW ZEALAND CHATHAM ISLAND 4357S 17634W OB 1									SW PACIFIC - AUSTRALIA DARWIN AIRPORT 1224S 13052E OB								
030	24109	6	-46.8		5	93	95	7	030	24078	11	-50.5	33.2	9	98	93	9	030								
050	20737	2	-49.9		3	23	59	1	050	20745	6	-55.5	31.4	7	51	91	3	050								
100	16232	0	-52.3		0	87	289	9	100	16379	2	-59.2	30.1	3	73	264	8	100	16590	4	-84.0		4	92	95	16
150	13605	0	-51.6		0	88	288	14	150	13825	2	-57.4	24.5	2	76	271	13	150	14260	4	-67.3		4	57	116	6
200	11740	0	-51.6		0	82	289	16	200	12004	1	-56.0	16.0	1	70	281	16	200	12460	3	-52.0		4	34	133	2
300	9091	0	-45.3		0	74	292	18	300	9349	0	-41.1	12.4	0	64	282	16	300	9700	3	-29.2		3	34	51	1
500	5492	0	-19.0	10.7	0	74	291	13	500	5680	0	-14.9	12.7	0	64	281	10	500	5860	2	-5.1	7.1	2	31	340	2
700	2906	0	-3.9	8.2	0	71	290	11	700	3052	0	0.9	10.5	0	62	278	7	700	3133	0	10.2	7.7	2	11	338	1
850	1349	0	3.6	3.3	0	64	294	10	850	1467	0	8.3	6.0	0	56	283	5	850	1488	0	18.7	3.4	1	32	303	3
1000	* 19		12.0	2.9					1000	*	48		17.1	2.9				1004	*	30		26.5	2.4			
SW PACIFIC - AUSTRALIA GOVE AIRPORT 1216S 13649E OB									SW PACIFIC - AUSTRALIA BROOME AIRPORT 1757S 12213E OB									SW PACIFIC - AUSTRALIA TOWNSVILLE AIRPORT 1915S 14645E OB 1								
030					9	93	87	10	030								030	23799	17	-56.3		99	84	18		
050					0	87	104	14	050	20600	10	-65.9		9	96	93	13	050	20616	3	-65.7		1	98	92	13
100	16569	0	-85.0		0	87	106	7	100	16592	1	-82.3		2	40	63	6	100	16608	0	-80.6		0	29	148	4
150	14247	0	-68.0		6	90	106	7	150	14251	1	-66.9		2	35	358	4	150	14245	0	-65.8		0	40	213	7
200	12454	0	-52.3		0	35	111	2	200	12450	1	-51.6		1	32	15	4	200	12442	0	-52.0		0	41	234	7
300	9698	0	-29.5		0	21	53	1	300	9687	1	-29.3		0	17	10	2	300	9692	0	-30.5		0	30	252	4
500	5859	0	-5.2	5.3	0	11	23	1	500	5848	1	-5.0	11.5	0	56	82	4	500	5865	0	-4.8	16.7	0	17	286	1
700	3148	0	9.9	5.7	0	20	211	2	700	3129	1	10.5	7.3	0	48	96	5	700	3149	0	9.2	8.3	0	73	133	4
850	1494	0	18.7	3.7	0	38	291	3	850	1477	1	20.9	8.0	0	21	78	2	850	1510	0	17.6	4.2	1	67	55	4
1000	* 54		27.4	2.9					1000	*	9		27.7	3.6				1010	*	6		28.5	5.0			
SW PACIFIC - AUSTRALIA WILLIS ISLAND 1618S 14959E OB									SW PACIFIC - AUSTRALIA CARNAVON AIRPORT 2452S 11340E OB									SW PACIFIC - AUSTRALIA PORT HEDLAND AIRPORT 2022S 11837E OB								
030									030								030									
050	20531	4	-65.7						050	20624	4	-64.6		4	97	91	11	050	20589	5	-65.2		9	97	93	13
100	16532	1	-83.1		0	46	122	5	100	16560	4	-78.6		0	80	299	10	100	16574	2	-82.0		3	27	348	3
150	14197	1	-68.0		0	20	182	3	150	14180	4	-65.4		0	86	298	21	150	14229	2	-66.6		3	56	319	8
200	12411	1	-53.7		0	19	207	3	200	12376	4	-51.6		0	86	290	20	200	12426	2	-51.9		3	52	298	7
300	9678	1	-31.5		0	16	217	2	300	9629	4	-31.7		0	85	284	16	300	9672	2	-30.3		1	57	268	5
500	5858	0	-5.3	16.3	0	12	134	1	500	5834	4	-7.3	17.8	0	66	288	6	500	5842	0	-5.5	11.4	2	20	4	2
700	3140	0	9.9	11.5	0	50	153	3	700	3134	4	10.0	13.0	0	41	306	3	700	3129	0	10.5	9.0	0	47	79	6
850	1503	0	17.5	4.4	0	58	105	3	850	1486	4	21.9	20.5	0	39	162	3	850	1475	0	21.9	11.2	0	17	56	2
1000	* 9		28.4	4.8					1000	*	7		22.2	4.7				1005	*	11		26.6	3.6			
SW PACIFIC - AUSTRALIA ALICE SPRINGS AIRPORT 2348S 13354E OB									SW PACIFIC - AUSTRALIA MT ISA AIRPORT 2039S 13929E OB									SW PACIFIC - AUSTRALIA GILES 2502S 12818E OB 1								
030									030								030	23893	11	-54.6						
050	20651	6	-64.8		3	94	85	11	050	20650	6	-65.6		2	27	180	3	050	20678	0	-63.4		6	58	263	6
100	16616	3	-78.9		1	62	255	8	100	16632	1	-80.5		2	41	233	6	100	16620	0	-78.2		2	77	251	11
150	14241	2	-64.9		1	81	257	15	150	14269	1	-65.7		1	50	246	8	150	14239	0	-64.7		6	91	272	20
200	12431	2	-51.3		0	77	261	13	200	12462	1	-51.5		1	46	243	6	200	12428	0	-51.5		5	87	272	19
300	9678	2	-31.0		1	67	266	8	300	9703	1	-27.9		1	84	251	1	300	9682	0	-31.2		4	74	271	10
500	5865	2	-6.4	11.4	0	4	264	1	500	5873	1	-5.2	10.8	1	18	83	1	500	5871	0	-6.3	11.8	3	26	255	2
700	3153	2	10.5	9.9	0	31	12	2	700	3157	1	10.3	7.7	1	40	105	3	700	3158	0	10.8	9.9	4	19	38	2
850	1503	2	21.2	12.2	2	55	57	5	850	1505	1	21.5	9.3	0	30	17	2	850	1503	0	22.1	14.3	2	63	340	5
948	* 544		27.1	15.1					970	*	342		28.0	9.4				943	*	599		27.5	14.8			
SW PACIFIC - AUSTRALIA CHARLEVILLE AIRPORT 2625S 14616E OB 1									SW PACIFIC - AUSTRALIA MOREE 2928S 14951E OB 1									SW PACIFIC - AUSTRALIA BRISBANE AIRPORT 2726S 15305E OB 1								
030									030								030	23841	16	-54.7		99	83	14		
050	20699	3	-63.1		3	95	90	10	050	20710	2	-62.3		7	96	91	9	050	20644	2	-63.8		2	97	86	10
100	16613	3	-75.4		1	80	237	10	100	16578	0	-71.1		3	85	255	11	100	16554	1	-75.8		2	77	251	11
150	14207	2	-63.9		1	83	253	20	150	14156	0	-63.2		0	88	252	23	150	14166	1	-64.1		2	83	249	20
200	12394	2	-51.8		1	83	254	18	200	12350	0	-52.8		0	86	254	21	200	12344	1	-52.7		2	76	257	18
300	9654	2	-32.5		1	79	251	11	300	9620	0	-33.7		1	85	256	16	300	9618	1	-32.5		1	74	245	12
500	5859	1	-7.0	12.0	1	65	228	5	500	5839	0	-7.6	13.3	1	84	251	9	500	5832	0	-7.9	10.7	2	62	243	5
700	3156	1	9.0	7.9	0	30	255	2	700	3147	0	7.9	10.5	0	62	280	4	700	3140	0	7.7	10.7	1	52	211	4
850	1538	1	20.7	10.4	0	61	333	4	850	1510	0	18.8	8.3	0	82	319	6	850	1510	0	16.6	6.3	1	38	319	2
976	* 304		27.4	9.8				</																		

SW PAC-AUSTRALIA

UPPER AIR

JANUARY 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps
SW PACIFIC - AUSTRALIA PERTH AIRPORT 3156S 11557E 0B								SW PACIFIC - AUSTRALIA KALGOORLIE AIRPORT 3046S 12127E 0B								SW PACIFIC - AUSTRALIA ESPERANCE 3349S 12153E 0B										
030									030								030									
050	20047	1	-61.1		1	91	86	6	050								050									
100	16513	0	-71.8		0	92	286	19	100								100									
150	14081	0	-62.7		0	94	290	30	150								150									
200	12269	0	-52.7		0	91	292	29	200	12332	12	-51.8					200									
300	9553	0	-35.2		0	90	286	20	300	9594	5	-33.6					300									
500	5803	0	-9.4	20.0	0	88	280	11	500	5826	5	-8.6	15.4				500									
700	3116	0	7.9	20.3	1	69	291	7	700	3133	5	8.7	11.0	7	78	286	9	700								
850	1492	0	15.6	15.6	0	15	255	1	850	1497	5	18.1	12.8	7	44	344	3	850								
1011	* 12	17.2	5.7						970	* 360	19.1	8.9					1012	*	26	16.1	3.3					
SW PACIFIC - AUSTRALIA FORREST AIRPORT 3050S 12806E 0B								SW PACIFIC - AUSTRALIA WOOMERA AERODROME 3109S 13648E 0B								SW PACIFIC - AUSTRALIA ADELAIDE AIRPORT 3456S 13831E 0B										
030									030								030	24079	9	-50.2						
050	20700	9	-62.2		7	92	89	6	050	20710	9	-62.8		1	95	90	7	050	20798	5	-58.4		2	71	102	
100	16590	7	-75.5		3	94	276	20	100	16590	7	-74.1		5	92	266	16	100	16549	2	-67.3		2	95	264	
150	14180	7	-63.7		2	94	273	25	150	14170	6	-63.1		3	93	257	25	150	14072	0	-61.5		1	95	259	
200	12370	7	-51.5		2	93	275	23	200	12360	6	-51.7		2	92	259	25	200	12249	0	-52.1		1	93	264	
300	9610	6	-32.5		0	92	275	19	300	9624	5	-32.6		2	90	264	19	300	9532	0	-35.3		1	91	264	
500	5830	6	-7.6	14.6	1	85	273	11	500	5842	5	-8.2	9.3	1	89	261	12	500	5780	0	-9.6	19.1	1	90	264	
700	3140	6	8.9	13.5	0	68	288	7	700	3145	5	9.0	11.0	2	79	266	8	700	3101	0	6.4	17.8	1	82	270	
850	1500	6	18.2	16.5	0	20	25	2	850	1508	5	18.8	14.7	2	42	280	3	850	1488	0	12.9	15.6	2	70	277	
993	* 160	18.6	6.3						993	* 167	21.8	10.7					1013	*	4	18.4	8.1					
SW PACIFIC - AUSTRALIA COBAR 3129S 14549E 0B								SW PACIFIC - AUSTRALIA WILLIAMSTOWN AERODROME 3247S 15149E 0B								SW PACIFIC - AUSTRALIA ALBANY AIRPORT 3457S 11748E 0B										
030									030								030	20706	14	-59.5						
050	20708	6	-61.0		9	86	92	8	050	20716	4	-60.7					050	20796	14	-68.4		5	73	86		
100	16548	0	-71.2		1	88	257	14	100	16523	0	-69.9		8	84	264	14	100	16488	14	-68.4		5	92	280	
150	14113	0	-62.5		1	82	265	22	150	14072	0	-62.0		5	89	260	23	150	14035	14	-62.3		3	93	284	
200	12302	0	-53.1		0	90	256	25	200	12263	0	-53.8		5	87	264	23	200	12226	14	-53.7		2	88	284	
300	9584	0	-33.8		0	84	257	19	300	9552	1	-35.2		3	86	263	20	300	9519	14	-35.6		1	91	276	
500	5819	0	-8.9	12.8	0	88	262	11	500	5796	0	-9.2	15.9	2	86	263	12	500	5774	14	-9.6	17.9	1	93	275	
700	3132	0	8.0	14.3	0	96	274	10	700	3118	0	6.4	12.8	1	85	273	10	700	3097	14	6.2	20.5	2	84	276	
850	1501	0	18.1	16.7	0	67	278	5	850	1494	0	16.7	10.7	5	77	295	6	850	1480	14	12.2	16.4	2	54	268	
991	* 265	25.8	18.3						1010	* 11	23.6	3.8					1006	*	69	15.0	2.8					
SW PACIFIC - AUSTRALIA MT GAMBIER AIRPORT 3744S 14047E 0B								SW PACIFIC - AUSTRALIA LAVERTON AERODROME 3751S 14444E 0B								SW PACIFIC - AUSTRALIA WAGGA AIRPORT 3509S 14727E 0B										
030	23999	13	-51.7		5	72	79	4	030								030									
050	20720	1	-58.1		0	91	267	19	050	20729	3	-57.3		9	91	265	18	050	20675	4	-67.8		6	87	264	
100	16436	0	-64.3		0	92	264	34	100	16439	0	-63.8		3	90	261	32	100	16475	4	-67.8		6	87	259	
150	13941	0	-59.8		0	92	263	39	150	13933	0	-59.1		2	90	264	37	150	14010	3	-61.0		6	91	259	
200	12117	0	-53.0		0	90	263	39	200	12106	0	-52.6		2	90	264	37	200	12194	3	-53.6		2	89	261	
300	9420	0	-37.7		0	87	267	31	300	9407	0	-38.0		0	82	266	28	300	9493	3	-36.3		0	91	269	
500	5706	0	-12.1	17.5	0	86	268	22	500	5698	0	-12.3	15.2	0	86	267	21	500	5761	3	-10.4	15.9	0	89	268	
700	3052	0	4.2	17.9	0	83	265	15	700	3045	0	3.2	14.5	0	81	268	14	700	3095	3	5.4	17.3	0	82	277	
850	1458	0	8.2	9.2	0	72	269	9	850	1455	0	9.4	11.0	0	70	276	8	850	1484	3	13.9	13.9	0	74	278	
1004	* 69	14.8	4.9						1009	* 14	16.6	6.2					987	* 213	19.7	10.9						
SW PACIFIC - AUSTRALIA HOBART AIRPORT 4250S 14730E 0B								SW PACIFIC - AUSTRALIA(ADDITIONAL IS.) LORD HOWE ISLAND 3131S 15905E 0B								SW PACIFIC - AUSTRALIA(ADDITIONAL IS.) NORFOLK ISLAND AIRPORT 2902S 16756E 0B										
030									030								030	23882	12	-54.5		1	98	86		
050	20695	10	-54.0						050	20705	13	-61.2		9	96	87	8	050	20681	2	-62.6		2	95	79	
100	16312	1	-57.9						100	16537	4	-71.3		4	88	261	13	100	16530	0	-71.3		0	83	259	
150	13743	1	-54.7						150	14095	4	-62.5		2	87	256	23	150	14089	0	-62.2		0	82	254	
200	11892	1	-52.0		9	85	280	31	200	12284	4	-53.5		9	10	246	23	200	12275	0	-53.0		0	82	250	
300	9207	0	-41.0		6	76	273	25	300	9571	4	-34.5		0	86	253	19	300	9563	0	-35.3		0	84	253	
500	5565	0	-17.1	10.5	0	82	273	20	500	5804	4	-8.6	16.5	0	80	265	10	500	5805	0	-8.5	17.8	0	68	245	
700	2964	0	-1.9	8.4	1	83	270	15	700	3120	4	6.6	16.9	0	57	261	4	700	3120	0	6.6	17.4	0	29	184	
850	1398	0	4.9	4.1	0	76	278	11	850	1507	4	13.0	5.3	3	52	304	4	850	1508	0	12.5	8.7	0	18	169	
1005	* 3	15.1	7.0						1008	* 46	23.3	4.1					1002	* 109	22.3	4.6						

SW PAC-AUSTRALIA

## UPPER AIR

JANUARY 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps		
SW PACIFIC - AUSTRALIA(ADDITIONAL IS.) MACQUARIE ISLAND 5429S 15856E OB 1									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KUCHING 0129N 11020E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) BINTULU 0312N 11302E OB 3										
030	24117	4	-44.9		7	95	82	7	030	23426	30	-62.1		9	76	261	6	030	23500		-60.3		9	98	86	23		
050	20734	3	-47.7		7	66	29	3	050	20432	22	-70.8		9	84	96	9	050	20451	30	-69.9		9	70	259	5		
100	16181	2	-49.5		5	87	297	9	100	16444	9	-82.3		9	97	116	22	100	16453	10	-80.3		9	96	106	23		
150	13523	2	-48.6		2	81	297	13	150	14141	8	-72.5		9	95	125	14	150	14140	9	-71.7		9	97	119	18		
200	11635	1	-49.1		2	82	301	15	200	12379	7	-56.0		9	85	108	8	200	12375	7	-56.1		9	91	128	12		
300	8970	0	-46.2		0	66	311	14	300	9657	6	-32.7	9.1	9	83	81	6	500	5847	5	-6.8	7.9	9	84	84	7		
500	5399	0	-21.1	8.1	0	69	305	12	500	5851	6	-7.0	5.9	9	43	73	2	700	3138	4	8.1	7.4	7	67	86	4		
700	2836	0	-5.8	5.5	1	66	303	10	700	3143	5	7.9	4.4	9	73	31	4	850	1506	4	16.1	2.1	5	78	48	4		
850	1291	0	1.9	2.8	2	55	305	8	850	1511	5	16.1	1.4	9	24.5	1.2	1011	*	5	24.1	1.0							
995	*	6	8.2	1.9																								
SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KOTA KINABALU 0556N 11603E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) TAWAU 0416N 11753E OB 1									SW PACIFIC - ISLANDS COCOS ISLAND AIRPORT 1211S 09649E OB 8										
030	23950	20	-59.7		9	43	1	3	030	23741	19	-58.7		9	0	96	24	030	20520	7	-66.0		5	90	78	8		
050	20639	6	-68.3		9	98	124	21	050	20647	2	-67.9		9	42	213	2	050	16515	4	-82.2		5	87	41	10		
100	16611	1	-79.9		9	98	128	22	100	16607	0	-79.3		9	84	96	9	100	14185	3	-69.3		2	47	5	4		
150	14256	1	-66.3		9	97	128	22	150	14255	0	-66.6		9	97	119	17	150	12405	3	-54.1		2	300	1	1		
200	12455	1	-52.2		9	94	130	15	200	12456	0	-52.3		9	93	135	11	200	9670	3	-31.1		2	22	72	1		
300	9707	1	-30.5	10.8	9	83	106	9	300	9708	0	-30.5	12.2	9	76	110	6	500	5848	3	5.1	15.0	3	22	252	2		
500	5877	1	-4.5	14.8	9	93	88	10	500	5877	0	-4.9	10.4	3	92	83	9	700	3134	3	9.5	13.1	0	27				
700	3153	1	10.5	13.0	9	92	82	5	700	3154	0	10.1	9.8	3	76	80	5	850	1500	3	16.0	1.8	0	34	122	2		
850	1511	1	18.2	4.1	9	88	81	3	850	1518	0	17.2	3.5	3	84	50	6	1010	*	3	25.1	3.3						
1001	*	3	25.6	3.1																								
SHIP SITE - OCEAN WEATHER STATIONS CHARLIE 5245N 03530W OB 3									SHIP SITE - OCEAN WEATHER STATIONS MIKE 6600N 00200E OB 1																			
030	23334	2	-67.5		3	74	290	10	030	22714	16	-72.0		2	78	325												
050	20231	0	-64.3		0	79	275	9	050	19697	10	-73.6		1	83	319	25											
100	15932	0	-59.5	8.3	0	87	250	8	100	15577	2	-69.3		0	85	319	23											
150	13374	0	-55.9	7.8	0	85	236	9	150	13144	0	-66.7		0	78	322	21											
200	11553	0	-55.8	7.0	0	80	224	11	200	11404	0	-65.3		0	71	324	21											
300	8928	0	-47.9	6.5	0	69	210	11	300	8873	0	-52.8		0	72	323	21											
500	5388	0	-24.0	7.2	0	72	201	8	500	5400	0	-28.8	12.6	0	67	320	14											
700	2854	0	-7.8	8.1	0	67	199	6	700	2918	0	-14.7	13.0	0	55	312	8											
850	1329	0	-1.8	3.5	0	63	195	5	850	1428	0	-8.0	7.0	0	45	299	6											
1001	*	0	5.1	2.6					1018	*	0	2.1	3.3															

**EUROPE-GERMAN DEM REP    UPPER AIR LATE REPORTS**

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps	mb	gpm	
EUROPE - GERMAN DEMOCRATIC REPUBLIC GREIFSWALD OCT 1986 5406N 01324E 0B 1								EUROPE - GERMAN DEMOCRATIC REPUBLIC LINDENBERG OCT 1986 5213N 01407E 0B 1								EUROPE - GERMAN DEMOCRATIC REPUBLIC MEININGEN OCT 1986 5034N 01023E 0B 1										
030	23864	12	-56.9		2	79	301	6	030	23815	10	-57.3		1	63	308	5	030	23849	16	-57.1		3	55	318	4
050	20612	9	-57.9		1	75	292	6	050	20587	5	-58.8		0	67	301	5	050	20632	11	-58.9		1	73	308	5
100	16237	6	-58.1	8.6	0	84	281	11	100	16229	4	-59.3	7.3	0	77	287	9	100	16286	9	-60.5		1	82	290	8
150	13696	3	-57.7	7.6	0	82	279	15	150	13697	2	-59.2	6.5	0	78	284	13	150	13749	2	-60.2	6.4	0	81	283	12
200	11886	2	-57.0	6.8	0	77	280	19	200	11892	2	-58.2	5.9	0	72	285	17	200	11943	1	-58.3	6.2	0	77	284	16
300	9245	1	-44.3	7.4	0	70	273	19	300	9276	0	-44.3	6.9	0	69	279	17	300	9316	0	-43.6	6.7	0	74	279	16
500	5627	1	-18.7	11.0	0	75	268	14	500	5653	0	-18.0	8.8	0	75	274	13	500	5683	0	-17.2	10.0	0	77	273	12
700	3036	1	-2.5	11.7	0	75	262	10	700	3057	0	-2.2	11.4	0	73	270	9	700	3078	0	-1.2	9.0	0	77	273	9
850	1471	1	5.2	11.7	0	74	258	9	850	1492	0	5.0	8.5	0	72	262	7	850	1506	0	5.9	6.3	0	62	255	6
1016	*	6	8.5	2.1					1005	* 115		7.9	2.0					966	* 453		7.1	2.0				
EUROPE - ITALY UDINE/RIVOLTO OCT 1986 4559N 01302E 0B 3								EUROPE - ITALY MILANO/LINATE OCT 1986 4526N 00917E 0B 3								EUROPE - ITALY BRINDISI OCT 1986 4039N 01757E 0B 3										
030	24063	1	-55.3		1	55	307	6	030	23894	2	-55.7		2	54	302	7	030	23886	1	-54.3		1	91	261	13
050	20833	0	-58.7		0	58	309	6	050	20668	0	-58.9		0	49	333	5	050	20834	1	-58.3		1	73	268	9
100	16299	0	-60.5		0	65	291	10	100	16333	0	-60.5		0	67	301	11	100	16325	0	-61.3		0	74	288	12
150	13793	0	-60.7		0	58	299	15	150	13812	0	-60.6		0	51	302	13	150	13849	0	-60.0		0	62	292	14
200	12001	0	-59.5		0	42	309	14	200	12020	0	-59.3		0	38	308	13	200	12008	0	-58.9		0	40	293	14
300	9375	0	-42.9		0	37	294	12	300	9390	0	-42.6		0	36	307	12	300	9382	0	-43.4		0	35	286	13
500	5726	0	-15.7	13.5	0	46	292	9	500	5737	0	-15.5	16.9	0	41	291	9	500	5732	0	-15.5	15.3	0	39	295	9
700	3104	0	0.7	15.1	0	38	276	5	700	3114	0	0.9	15.8	0	30	267	4	700	3108	0	1.3	15.6	0	27	299	4
850	1525	0	8.2	9.0	0	15	75	1	850	1533	0	9.3	10.5	0	27	342	2	850	1523	0	10.1	9.7	0	34	324	4
1009	*	53	15.3	7.9					1008	* 103		15.3	6.4					1018	* 10		19.3	5.9				
EUROPE - ITALY TRAPANI/BIRGI OCT 1986 3755N 01230E 0B 3								EUROPE - ITALY CAGLIARI/ELMAS OCT 1986 3915N 00903E 0B 3								AFRICA - MADAGASCAR ANTANANARIVO/IVATO OCT 1986 1848S 04729E 0B 3										
030	23911	0	-54.3		0	85	257	13	030	23903	6	-54.9		6	64	270	8	030								
050	20671	0	-58.7		0	69	277	8	050	20677	5	-58.9		5	61	296	7	050								
100	16355	0	-61.9		0	89	283	15	100	16362	3	-61.7		3	85	292	12	100	16544	0	-72.8		3	86	267	16
150	13843	0	-60.6		0	80	282	18	150	13843	0	-60.8		0	40	286	10	150	14118	0	-64.2		0	90	266	24
200	12047	0	-59.2		0	66	286	18	200	12047	0	-59.1		0	43	304	12	200	12322	0	-54.6		0	86	264	26
300	9419	0	-42.7		0	58	281	15	300	9417	0	-42.4		0	41	292	12	300	9617	0	-34.9	13.1	0	84	264	22
500	5761	0	-14.8	13.1	0	65	281	11	500	5756	0	-14.9	13.1	0	43	284	9	500	5846	0	-8.1	16.4	0	83	272	11
700	3132	0	1.7	9.1	0	57	295	8	700	3127	0	1.9	10.2	0	44	271	8	700	3161	0	6.7	5.8	0	51	279	4
850	1541	0	11.6	7.8	0	33	281	4	850	1535	0	11.4	8.1	0	19	276	3	850	1537	0	16.7	5.4	0	61	66	5
1018	*	14	20.9	6.2					1019	* 18		20.7	4.2					878	* 1276		19.2	6.8				
EUROPE - ISRAEL BET DAGAN NOV 1986 3200N 03449E 0B 8								ASIA - AFGHANISTAN KABUL AIRPORT NOV 1986 3433N 06913E 0B 3								AFRICA - MADAGASCAR ANTANANARIVO/IVATO NOV 1986 1848S 04729E 0B 3										
030	20634	8	-58.8		8	90	272	13	030	23821	15	-54.1	11.0	9	92	263	11	030								
050	20577	16	-58.0		9	94	16	14	050	20577	16	-58.0	9.4	16	92	266	14	050								
100	16320	0	-62.6		0	99	268	30	100	16260	21	-63.5	7.6	9	98	271	28	100	16561	2	-75.5		3	51	280	6
150	13800	0	-58.9		0	99	268	39	150	13754	21	-61.5	7.1	9	98	273	38	150	14163	0	-65.7		1	75	274	15
200	11973	0	-54.8		0	98	268	40	200	11964	21	-59.0	7.0	9	96	271	43	200	12374	0	-54.6		1	67	282	16
300	9315	0	-42.9	10.9	0	96	271	31	300	9346	21	-44.9	7.5	9	94	273	33	300	9658	0	-33.5	16.5	1	54	282	10
500	5684	0	-17.7	11.5	0	89	276	14	500	5719	21	-17.5	9.4	9	88	267	14	500	5866	0	-6.8	17.9	0	53	281	6
700	3080	0	-1.1	11.4	0	69	262	5	700	3110	21	0.4	11.3	9	48	222	2	700	3166	0	8.2	7.2	0	21	169	2
850	1507	0	8.0	8.1	0	50	250	3	824	* 1791		7.1	11.1					850	1534	0	18.0	6.7	0	80	88	7
1013	*	30	19.7	9.1					1012	* 6		2.1	2.3					877	* 1276		20.2	7.8				
EUROPE - NETHERLANDS DE BILT DEC 1986 5206N 00511E 0B 1								EUROPE - GERMAN DEMOCRATIC REPUBLIC GREIFSWALD DEC 1986 5406N 01324E 0B 1								EUROPE - GERMAN DEMOCRATIC REPUBLIC LINDENBERG DEC 1986 5213N 01407E 0B 1										
030	23419	9	-61.8		1	95	279	30	030	23284	18	-64.5		5	95	271	26	030	23262	13	-64.0		4	99	276	28
050	20249	2	-61.2		0	89	288	23	050	20145	18	-62.6		3	98	280	25	050	20115	1						

**EUROPE-GERMAN DEM REP      UPPER AIR LATE REPORTS**

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND								
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	%	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	%	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	%	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C				°	mps	mb	gpm		°C	°C				°	mps	mb	gpm		°C	°C			°	mps	
<b>EUROPE - GERMAN DEMOCRATIC REPUBLIC</b>																													
<b>MEININGEN</b>																													
DEC 1986 5034N 01023E OB 1																													
030	23445	14	-62.1		4	97	280	25		030	23507	5	-59.9		7	96	276	18	030	23613	8	-57.1		8	97	270	16		
050	20270	13	-61.3		1	99	285	22		050	20279	0	-60.5		2	96	280	16	050	20351	5	-58.3		5	94	270	16		
100	15925	9	-59.9		0	94	296	19		100	15956	0	-60.0		0	92	291	15	100	16001	0	-58.4		0	92	279	15		
150	13394	4	-59.4	7.6	0	86	301	19		150	13412	0	-58.4		0	87	298	15	150	13440	0	-57.6		0	86	280	14		
200	11597	4	-60.3	7.1	0	79	309	20		200	11612	0	-60.3		0	73	301	15	200	11628	0	-59.3		0	73	284	15		
300	9024	1	-50.2	7.4	0	70	306	18		300	9045	0	-50.8		0	65	229	15	300	9053	0	-50.3		0	63	284	14		
500	5504	1	-24.9	9.2	0	76	294	15		500	5538	0	-25.7	10.0	0	67	296	9	500	5536	0	-24.9	9.6	0	65	287	9		
700	2976	1	-9.1	8.1	0	83	284	13		700	3012	0	-8.7	11.5	0	58	294	6	700	3008	0	-8.9	9.8	0	64	302	7		
850	1450	1	-1.6	4.6	0	85	269	11		850	1481	0	-0.7	10.9	0	56	278	5	850	1481	0	-1.1	8.8	0	57	306	5		
963	* 453		0.1	1.5						1006	* 128		0.1	2.6					992	* 243		0.6	3.3						
<b>EUROPE - ROMANIA</b>																													
<b>BUCURESTI/IMH</b>																													
DEC 1986 4430N 02608E OB 1																													
030										030									030										
050										050									050										
100										100									100										
150	13424	0	-57.7	7.6	0	70	275	8		150	13391	1	-58.8	5.6	1	70	280	6	150	13689	0	-58.4	7.6	0	98	278	33		
200	11600	0	-59.6	7.2	0	70	275	8		200	11577	1	-59.8	5.5	1	60	275	6	200	11879	0	-58.1	7.2	0	94	278	33		
300	9036	0	-49.8	7.9	0	65	270	6		300	9008	1	-50.6	5.9	1	70	275	5	300	9261	0	-45.9	7.4	0	86	278	23		
500	5515	0	-25.0	10.0	0	65	270	5		500	5499	1	-25.2	7.5	1	60	280	4	500	5666	0	-20.1	8.0	0	71	263	10		
700	2987	0	-8.6	12.7	0	50	300	2		700	2967	1	-7.3	10.9	1	50	285	3	700	3090	0	-3.8	9.6	0	40	188	2		
850	1461	0	-1.6	11.4	0	50	300	2		850	1446	1	-4.0	6.2	1	40	315	2	850	* 1791	0	2.1	6.9						
1008	* 91		-3.5	2.3						1018	* 14		0.5	3.3					1018	* 8		20.1	6.8						
<b>ASIA - AFGHANISTAN</b>																													
<b>KANDAHAR AIRPORT</b>																													
DEC 1986 3130N 06551E OB 1																													
030										030									030										
050										050									050										
100										100									100										
150										150	14085	20	-64.8		9	97	67	33	150	14144	0	-65.0		0	98	255	43		
200	11800	-52.7	7.6	98	270	39			200	12218	12	-54.9		9	81	78	25	200	12340	0	-52.6		0	97	255	44			
300	9280	-41.2	7.9	94	285	40			300	9524	4	-37.8	5.1	4	90			300	9601	0	-32.3	14.5	0	98	261	41			
500	5660	-18.7	11.4	88	280	18			500	5803	3	-11.1	6.2	3	92	74	20	500	5819	0	-8.3	18.4	0	85	262	25			
700	3080	-3.3	11.8	73	270	5			700	3132	3	5.6	1.3	3	87	84	8	700	3135	0	6.1	18.7	0	88	267	13			
850	1520	3.0	9.9	52	155	3			850	1523	3	5.7	3	68	127	3		850	1532	0	9.5	8.0	0	32	304	3			
905	* 1010	4.0	6.7																										
<b>ASIA - JAPAN</b>																													
<b>MINAMITORISHIMA</b>																													
DEC 1986 2418N 15358E OB 2																													
030	23802	2	-55.4		6	72	63	4		030	23814	23	-55.9		9	60	115	4	030	23790	6	-55.2		9	49	90	3		
050	20601	0	-64.3		0	37	113	2		050	20652	13	-66.3		9	58	112	4	050	20585	0	-63.9		2	36	234	2		
100	16590	0	-80.4		0	96	250	15		100	16620				3	62	73	4	100	16532	0	-76.7		0	99	260	27		
150	14227	0	-66.2		0	98	258	24		150	14253	3	-66.9		3	44	77	6	150	14272	9	-65.5		3	57	261	7		
200	12427	0	-52.1		0	96	259	27		200	12458	3	-52.7		3	58	85	4	200	12468	3	-52.3		2	54	257	7		
300	9680	0	-31.3	15.3	0	96	262	23	</																				

ASIA-INDIA

## UPPER AIR CORRECTIONS

# STATION LIST WMO PUB 9 VOL A

41246	C	(SOHAR) MAJIS	OMAN	17320	C	ANAMUR	TURKEY
40831	C	ABADAN	IRAN, ISLAMIC REP	16665	C	ANCHIALOS	GREECE
47409	C	ABASHIRI	JAPAN	70273	CT	ANCHORAGE/INT., AK.	USA
64756	C	ABECHE	CHAD	84331	C	ANDOAS	PERU
03091	C	ABERDEEN/DYCE	U KINGDOM	91568	C	ANEITYUM	VANUATU
41112	C	ABHA	SAUDI ARABIA	04360	CT	ANGMAGSSALIK	DENMARK
65578	CT	ABIDJAN	COTE D'IVOIRE	17130	CT	ANKARA/CENTRAL	TURKEY
72266	C	ABILENE, TX.	USA	17128	C	ANKARA/ESENBOGA	TURKEY
41216	C	ABU DHABI BATEEN AIRPORT	U ARAB EMIRATES	60360	C	ANNABA	ALGERIA
41217	CT	ABU DHABI INTER. AIRPORT	U ARAB EMIRATES	70398	C	ANNETTE ISLAND, AK.	USA
62640	C	ABU HAMED	SUDAN	84542	C	ANTA (HUARAZ)	PERU
62795	C	ABU NA'AMA	SUDAN	84695	C	ANTABAMBA	PERU
78650	C	ACAJUTLA	EL SALVADOR	17300	C	ANTALYA	TURKEY
76805	C	ACAPULCO,GRO.	MEXICO	67083	CT	ANTANANARIVO/IVATO	MADAGASCAR
17352	CT	ADANA	TURKEY	85442	CT	ANTOFAGASTA	CHILE
63450	CT	ADDIS ABABA	ETHIOPIA	40718	C	ANZALI	IRAN, ISLAMIC REP
94672	CT	ADELAIDE AIRPORT	AUSTRALIA	47575	C	AOMORI	JAPAN
41467	C	ADEN KHORMAKSAR	DEM YEMEN	72220	T	APALACHICOLA/MUN., FL.	USA
65585	C	ADIAKE	COTE D'IVOIRE	98232	C	APARRI	PHILIPPINES
60620	C	ADRAR	ALGERIA	80084	C	APARTADO	COLOMBIA
76679	CT	AEROP. INTERNACIONALMEXICO,	MEXICO	91762	C	APIA	SAMOA
76644	CT	AEROP.INT. MERIDA,,YUCATAN	MEXICO	83096	C	ARACAJU	BRAZIL
76394	T	AEROP.INTERNACIONAL MONTERRE	MEXICO	48462	C	ARANYAPRATHET	THAILAND
87582	C	AEROPARQUE	ARGENTINA	40357	C	ARAR	SAUDI ARABIA
17190	C	AFYON	TURKEY	80099	C	ARAUCA/SANTIAGO PEREZ	COLOMBIA
61024	C	AGADEZ	NIGER	16687	C	ARAXOS	GREECE
60250	C	AGADIR	MOROCCO	44288	C	ARBAIHER	MONGOLIA
61974	C	AGALEGA	MAURITIUS	84752	C	AREQUIPA	PERU
42261	C	AGRA	INDIA	71807	C	ARGENTIA, NFLD	CANADA
16672	C	AGRINION (AIRPORT)	GREECE	22550	CT	ARHANGEL'SK	USSR
42647	CT	AHMADABAD	INDIA	85406	C	ARICA	CHILE
60560	C	AIN SEFRA	ALGERIA	16654	C	ARTA (HALKIADES)	GREECE
61499	C	AIOUN EL ATROUSS	MAURITANIA	47407	C	ASAHIKAWA	JAPAN
07761	CT	AJACCIO	FRANCE	38880	CT	ASHABAD	USSR
31168	C	AJAN	USSR	72315	C	ASHEVILLE/MUN., NC.	USA
17184	C	AKHISAR	TURKEY	63021	CT	ASMARA	ETHIOPIA
47582	CT	AKITA	JAPAN	62414	CT	ASSWAN	EGYPT
61437	C	AKJOUJT	MAURITANIA	72791	C	ASTORIA/CLATSOP, OR.	USA
42933	C	AKOLA	INDIA	34880	C	ASTRAHAN'	USSR
72521	C	AKRON/AKRON-CANTON REG., OH.	USA	86218	C	ASUNCION/AEROPUERTO	PARAGUAY
04063	C	AKUREYRI	ICELAND	65376	C	ATAKPAME	TOGO
48062	C	AKYAB	BURMA	84593	C	ATALAYA	PERU
40420	C	AL AHSA	SAUDI ARABIA	61421	C	ATAR	MAURITANIA
41055	C	AL BAHIA	SAUDI ARABIA	62680	C	ATBARA	SUDAN
40361	C	AL-JOUF	SAUDI ARABIA	16716	C	ATHENS(HELLINIKON)	GREECE
98435	C	ALABAT	PHILIPPINES	16714	C	ATHINAI/OBSERVATORY	GREECE
94802	CT	ALBANY AIRPORT	AUSTRALIA	64751	C	ATI	CHAD
72518	C	ALBANY/ALBANY CO., NY.	USA	72219	C	ATLANTA/MUN., GA.	USA
06030	C	ALBORG	DENMARK	72407	C	ATLANTIC CITY, NJ.	USA
72365	C	ALBUQUERQUE/INT., NM.	USA	91925	CT	ATUONA	FRENCH POLY.
63995	C	ALDABRA	SEYCHELLES	93119	C	AUCKLAND AIRPORT	N ZEALAND
31004	CT	ALDAN	USSR	03322	T	AUGHTON	U KINGDOM
83931	C	ALEGRETE	BRAZIL	72218	C	AUGUSTA/BUSH FIELD, GA.	USA
40007	CT	ALEPO	SYRIAN ARAB REP	72254	C	AUSTIN/ROBERT MUELLER., TX.	USA
71082	CT	ALERT,N.W.T.	CANADA	84673	C	AYACUCHO	PERU
68406	CT	ALEXANDER BAY	SOUTH AFRICA	17234	C	AYDIN	TURKEY
16627	C	ALEXANDROUPOLIS	GREECE	87642	C	AZUL AERO	ARGENTINA
61997	C	ALFRED FAURE (ILES CROZET)	FRANCE	08329	C	BADAJOZ	SPAIN
16520	C	ALGHERO	ITALY	41785	C	BADIN	PAKISTAN
08359	C	ALICANTE	SPAIN	61781	C	BAFATA	GUINEA-BISSAU
94326	CT	ALICE SPRINGS AIRPORT	AUSTRALIA	40650	CT	BAGHDAD	IRAQ
64662	C	ALINDAO	CENTRAL AFRICAN REP	71727	C	BAGOTVILLE,QUE.	CANADA
42475	C	ALLAHABAD/BAMHRAULI	INDIA	98328	C	BAGUIO	PHILIPPINES
72517	C	ALLENTOWN/A.-BETHLEHEM-, PA.	USA	41678	CT	BAHAWALNAGAR	PAKISTAN
36870	CT	ALMA-ATA	USSR	41700	C	BAHAWALPUR	PAKISTAN
08487	C	ALMERIA/AEROPUERTO	SPAIN	87750	C	BAHIA BLANCA AERO	ARGENTINA
44277	C	ALTAY	MONGOLIA	86033	C	BAHIA NEGRA	PARAGUAY
51076	C	ALTAY	CHINA	41150	C	BAHRAIN MUHARRAQ	BAHRAIN
64754	C	AM-TIMAN	CHAD	71926	CT	BAKER LAKE, N.W.T.	CANADA
72363	T	AMARILLO/INT., TX.	USA	40766	C	BAKHTARAN	IRAN, ISLAMIC REP
84160	C	AMBATO-GRANJA	ECUADOR	41536	C	BALAKOT	PAKISTAN
97724	C	AMBON/PATTIMURA	INDONESIA	98333	C	BALER	PHILIPPINES
40270	C	AMMAN AIRPORT	JORDAN	35796	C	BALHAS	USSR
97240	C	AMPENAN/SELAPARANG	INDONESIA	96633	C	BALIKPAPAN/SEPINGGAN	INDONESIA
42071	C	AMRITSAR	INDIA	72406	C	BALTIMORE/BALTIMORE-WAS.,MD.	USA
25563	CT	ANADYR'	USSR	61291	CT	BAMAKO/SENOU	MALI

# STATION LIST WMO PUB 9 VOL A

64660	C	BAMBARI	CENTRAL AFRICAN REP	68442	CT	BLOEMFONTEIN (J.B.M. HERTZOG)	SOUTH AFRICA
96783	C	BANDUNG	INDONESIA	74492	C	BLUE HILL OBSER. WB., MA.	USA
43295	C	BANGALORE	INDIA	61881	C	BO	SIERRA LEONE
64656	C	BANGASSOU	CENTRAL AFRICAN REP	82024	C	BOA VISTA	BRAZIL
48455	CT	BANGKOK	THAILAND	65510	C	BOBO-DIOULASSO	BURKINA FASO
64650	CT	BANGUI	CENTRAL AFRICAN REP	01152	T	BODO	NORWAY
96685	C	BANJARMASIN/SYAMSUDIN NOOR	INDONESIA	01152	C	BODO VI	NORWAY
61701	C	BANJUL/YUNDUM	GAMBIA	17290	C	BODRUM	TURKEY
41685	CT	BAR KHAN	PAKISTAN	64126	C	BOENDE	ZAIRE
80419	C	BARCELONA	VENEZUELA	30554	C	BOGDARIN	USSR
08181	C	BARCELONA/AEROPUERTO	SPAIN	80222	CT	BOGOTA/ELDORADO	COLOMBIA
87765	C	BARILOCHE AERO	ARGENTINA	41883	CT	BOGRA	BANGLADESH
29838	C	BARNAUL	USSR	29282	C	BOGUCANY	USSR
82571	C	BARRA DO CORDA	BRAZIL	65338	C	BOHICON	BENIN
80091	C	BARRANCABERMEJA/YARIGUIES	COLOMBIA	72681	C	BOISE/MUN., ID.	USA
80028	C	BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA	61816	C	BOKE	GUINEA
70026	CT	BARROW/W. POST W. ROGERS, AK.	USA	64708	C	BOKORO	CHAD
70086	CT	BARTER ISLAND, AK.	USA	64702	C	BOL-BERIM	CHAD
98135	C	BASCO	PHILIPPINES	61769	C	BOLAMA	GUINEA-BISSAU
86011	C	BASE 5 "GRAL A. JARA"	PARAGUAY	17070	C	BOLU	TURKEY
89057	C	BASE ARTURO PRAT	CHILE	83288	CT	BOM JESUS DA LAPA	BRAZIL
89059	C	BASE BERNARDO O'HIGGINS	CHILE	43057	C	BOMBAY/COLABA	INDIA
40689	C	BASRAH	IRAQ	43003	T	BOMBAY/SANTACRUZ	INDIA
64931	C	BATOUI	REP CAMEROON	31253	C	BOMNAK	USSR
91557	CT	BAUERFIELD (EFATE)	Vanuatu	65545	C	BONDOKOU	COTE D'IVOIRE
83722	C	BAURU	BRAZIL	61866	C	BONTHE	SIERRA LEONE
68728	C	BEAUFORT WEST	SOUTH AFRICA	23884	C	BOR	USSR
60571	CT	BECHAR	ALGERIA	91930	C	BORA-BORA	FRENCH POLY.
72412	C	BECKLEY(RALEIGH CTY. M.), VA.	USA	07510	CT	BORDEAUX/MERIGNAC	FRANCE
54511	CT	BEIJING	CHINA	60444	C	BORDJ BOU ARRERIDJ	ALGERIA
67297	C	BEIRA	MOZAMBIQUE	65516	C	BOROMO	BURKINA FASO
60402	C	BEJAIA	ALGERIA	64610	C	BOSSANGOA	CENTRAL AFRICAN REP
82191	C	BELEM	BRAZIL	64605	C	BOSSEMELE	CENTRAL AFRICAN REP
82193	T	BELEM (AEROPORTO)	BRAZIL	72509	C	BOSTON/LOGAN INT., MA.	USA
03917	C	BELFAST/ALDERGROVE AIRPORT	U KINGDOM	60515	C	BOU-SAADA	ALGERIA
43198	C	BELGAUM/SAMBRA	INDIA	65555	C	BOUAKÉ	COTE D'IVOIRE
78583	C	BELIZE/INTERNATIONAL AIRPORT	BELIZE	64601	C	BOUAR	CENTRAL AFRICAN REP
78584	C	BELIZE/LANDIVAR	BELIZE	61296	C	BOUGOUNI	MALI
03976	C	BELMULLET	IRELAND	07255	C	BOURGES	FRANCE
83587	C	BELO HORIZONTE	BRAZIL	03862	C	BOURNEMOUTH AIRPORT	U KINGDOM
40180	C	BEN-GURION INT. AIRPORT	ISRAEL	64705	C	BOUSSO	CHAD
60602	C	BENI ABbes	ALGERIA	61461	C	BOUTILIMIT	MAURITANIA
60518	C	BENI-SAF	ALGERIA	83377	C	BRASILIA	BRAZIL
62053	CT	BENINA	LIBYAN ARAB JAMAHIRIYA	83378	T	BRASILIA (AEROPORTO)	BRAZIL
82410	C	BENJAMIN CONSTANT	BRAZIL	30309	C	BRATSK	USSR
13274	C	BEOGRAD	YUGOSLAVIA	64450	C	BAZZAVILLE/MAYA-MAYA	CONGO
13275	T	BEOGRAD/ZELENO BRDO	YUGOSLAVIA	07110	CT	BREST/GUIPAVAS	FRANCE
64600	C	BERBERATI	CENTRAL AFRICAN REP	64655	C	BRIA	CENTRAL AFRICAN REP
10381	C	BERLIN-DAHLEM	GERMANY, FED REP	16320	CT	BRINDISI	ITALY
10384	CT	BERLIN-TEMPELHOF	GERMANY, FED REP	94578	CT	BRISBANE AIRPORT	AUSTRALIA
78016	T	BERMUDA NAVAL AIR STATION KI	USA	11723	C	BRNO/TURANY	CZECHOSLOVAKIA
40179	CT	BET DAGAN	ISRAEL	94203	CT	BROOME AIRPORT	AUSTRALIA
70219	CT	BETHEL/BETHEL AIRPORT, AK.	USA	72250	CT	BROWNSVILLE/INT., TX.	USA
68461	C	BETHLEHEM AIRPORT	SOUTH AFRICA	96315	CT	BRUNEI AIRPORT	BRUNEI DARUSSALAM
40100	CT	BEYROUTH (AEROPORT)	LEBANON	80094	C	BUCARAMANGA/PALONEGRO	COLOMBIA
42971	CT	BHUBANESWAR	INDIA	15420	CT	BUCURESTI/IMH	ROMANIA
97560	C	BIAK/MOKMER	INDONESIA	12843	CT	BUDAPEST/LORINC	HUNGARY
12295	C	BIALYSTOK	POLAND	12840	C	BUDAPEST/METEOROLOGIA	HUNGARY
71848	CT	BIG TROUT LAKE, ONT.	CANADA	80252	C	BUENAVENTURA	COLOMBIA
42165	C	BIKANER	INDIA	80251	C	BUENAVENTURA/COLPUERTOS	COLOMBIA
72677	C	BILLINGS/LOGAN INT., MT.	USA	87585	C	BUENOS AIRES (OBS. CENTRAL)	ARGENTINA
61017	C	BILMA	NIGER	72528	C	BUFFALO/GREATER BUFFALO, NY.	USA
72515	C	BINGHAMTON/BROOME CO., NY.	USA	98712	C	BUGSUK	PHILIPPINES
96441	CT	BINTULU	MALAYSIA	64390	C	BUJUMBURA	BURUNDI
61401	C	BIR MOGHREIN	MAURITANIA	64180	C	BUKAVU	ZAIRE
64658	C	BIRAO	CENTRAL AFRICAN REP	67964	CT	BULAWAYO (GOETZ OBSY.)	ZIMBABWE
03534	C	BIRMINGHAM/AIRPORT	U KINGDOM	44239	C	BULGAN	MONGOLIA
61075	C	BIRNI-N'KONNI	NIGER	64076	C	BUNIA	ZAIRE
41084	C	BISHA	SAUDI ARABIA	41244	C	BURAIMI	OMAN
60525	C	BISKRA	ALGERIA	15655	C	BURGAS	BULGARIA
72764	CT	BISMARCK/MUN., ND.	USA	72617	C	BURLINGTON/INT., VT.	USA
61766	C	BISSAU (AEROPORT)	GUINEA-BISSAU	17116	C	BURSA	TURKEY
15085	C	BISTRITA	ROMANIA	40858	C	BUSHEHR	IRAN, ISLAMIC REP
64510	C	BITAM	GABON	64034	C	BUTA	ZAIRE
01028	CT	BJORNAYA	NORWAY	64384	C	BUTARE	RWANDA
31510	CT	BLAGOYESCENSK	USSR	82930	C	CACHIMBO	BRAZIL

# STATION LIST WMO PUB 9 VOL A

83339	C	CAETITE	BRAZIL	84452	C	CHICLAYO	PERU
98748	C	CAGAYAN DE ORO	PHILIPPINES	84531	C	CHIMBOTE	PERU
98815	C	CAGAYAN DE TAWI-TAWI	PHILIPPINES	16706	C	CHIOS (AIRPORT)	GREECE
16560	CT	CAGLIARI/ELMAS	ITALY	41506	CT	CHITRAL	PAKISTAN
94287	C	CAIRNS AIRPORT	AUSTRALIA	41977	T	CHITTAGONG (AMBAGAN)	BANGLADESH
62366	C	CAIRO	Egypt	41978	C	CHITTAGONG (PATENGA)	BANGLADESH
84472	C	CAJAMARCA	PERU	60425	C	CHLEF	ALGERIA
98431	C	CALAPAN	PHILIPPINES	44259	C	CHOIBALSAN	MONGOLIA
98133	C	CALAYAN	PHILIPPINES	78724	C	CHOLUTECA	HONDURAS
42807	C	CALCUTTA/ALIPORE	INDIA	47648	C	CHOSHI	JAPAN
42809	T	CALCUTTA/DUM DUM	INDIA	93780	CT	CHRISTCHURCH AIRPORT	N ZEALAND
80259	C	CALI/PALMASECA	COLOMBIA	48517	C	CHUMPHON	THAILAND
71925	CT	CAMBRIDGE BAY,N.W.T.	CANADA	47014	C	CHUNGGANG	DPR KOREA
85315	C	CAMIRI	BOLIVIA	71913	CT	CHURCHILL,MAN.	CANADA
93944	CT	CAMPBELL ISLAND	N ZEALAND	96805	C	CILACAP	INDONESIA
83611	C	CAMPO GRANDE	BRAZIL	38262	C	CIMBAJ	USSR
83612	T	CAMPO GRANDE (AEROPORTO)	BRAZIL	72421	C	CINCINNATI/GREATER CIN., OH.	USA
17112	C	CANAKKALE	TURKEY	30758	CT	CITA	USSR
84226	C	CANAR	ECUADOR	80444	C	CIUDAD BOLIVAR	VENEZUELA
94926	C	CANBERRA AIRPORT	AUSTRALIA	15120	CT	CLUJ-NAPOCA	ROMANIA
72304	C	CAPE HATTERAS, NC.	USA	71090	C	CLYDE,N.W.T.	CANADA
68816	CT	CAPE TOWN (D.F. MALAN)	SOUTH AFRICA	82425	C	COARI	BRAZIL
80416	C	CARACAS/LA CARLOTA	VENEZUELA	76741	C	COATZACOALCOS,VER.	MEXICO
83498	CT	CARAVELAS	BRAZIL	94711	CT	COBAR	AUSTRALIA
03715	C	CARDIFF-WALES AIRPORT	U KINGDOM	85041	C	COBIJA	BOLIVIA
38687	C	CARDZOU	USSR	85223	C	COCHABAMBA	BOLIVIA
72712	C	CARIBOU/MUN., ME.	USA	43353	T	COCHIN/WILLINGDON	INDIA
66140	C	CARMONA	ANGOLA	64504	C	COCOBEACH	GABON
94300	CT	CARNARVON AIRPORT	AUSTRALIA	96996	CT	COCOS ISLAND AIRPORT	ISLANDS
82765	CT	CAROLINA	BRAZIL	94791	C	COFFS HARBOUR AIRPORT	AUSTRALIA
80022	C	CARTAGENA/CRESPO	COLOMBIA	21946	C	COKURDAH	USSR
78325	C	CASA BLANCA,HABANA	CUBA	70316	CT	COLD BAY, AK.	USA
60155	CT	CASABLANCA	MOROCCO	43466	C	COLOMBO	SRI LANKA
98336	C	CASIGURAN	PHILIPPINES	86560	C	COLONIA	URUGUAY
72569	C	CASPER/NATRONA COUNTY I.,WY.	USA	76458	CT	COLONIA JUAN CARRASCO MAZAT.	MEXICO
84680	C	CASTROVIRREYNA (SINTO)	PERU	72310	C	COLUMBIA, SC.	USA
78714	C	CATACAMAS	HONDURAS	72445	C	COLUMBIA/REGIONAL, MO.	USA
87222	C	CATAMARCA AERO.	ARGENTINA	72428	C	COLUMBUS/PORT COLUMBUS, OH.	USA
16460	C	CATANIA/FONTANAROSSA	ITALY	87748	T	COMANDANTE ESPORA B.A.	ARGENTINA
98546	C	CATARMAN	PHILIPPINES	87860	CT	COMODORO RIVADAVIA AERO	ARGENTINA
98548	C	CATBALOGAN	PHILIPPINES	61832	C	CONAKRY/GBESSIA	GUINEA
87763	C	CATEDRAL 2000	ARGENTINA	82861	C	CONCEICAO DO ARAGUAIA	BRAZIL
81405	CT	CAYENNE/ROCHAMBEAU	FRENCH GUIANA	85196	C	CONCEPCION	BOLIVIA
98645	C	CEBU	PHILIPPINES	86134	C	CONCEPCION	PARAGUAY
94653	C	CEDUNA AIRPORT	AUSTRALIA	72605	C	CONCORD/MUN., NH.	USA
72229	T	CENTREVILLE, AL.	USA	87395	C	CONCORDIA AERO	ARGENTINA
89056	C	CENTRO MET.ANTARTICO"PDTE. ED	CHILE	72458	C	CONCORDIA/BLOSSER MUN., KS.	USA
89055	C	CENTRO MET.ANTARTICO"VICECOM	ARGENTINA	15480	CT	CONSTANTA	ROMANIA
89055	T	CENTRO MET.ANTARTICO"VICECOM	ARGENTINA	60419	C	CONSTANTINE	ALGERIA
87257	C	CERES	ARGENTINA	84478	C	CONTAMANA	PERU
84570	C	CERRO DE PASCO	PERU	71938	C	COPPERMINE,N.W.T.	CANADA
84444	C	CHACHAPOYAS	PERU	71915	CT	CORAL HARBOUR,N.W.T.	CANADA
40942	C	CHAKHCHARAN	AFGHANISTAN	87344	CT	CORDOBA AERO	ARGENTINA
87320	C	CHAMICAL AERO	ARGENTINA	03955	C	CORK AIRPORT	IRELAND
48480	C	CHANTHABURI	THAILAND	98526	C	CORON	PHILIPPINES
85230	C	CHARANA	BOLIVIA	72251	C	CORPUS CHRISTI/INT., TX.	USA
72414	C	CHARLESTON/KANAWHA, WV.	USA	87166	C	CORRIENTES AERO.	ARGENTINA
72208	C	CHARLESTON/MUN., SC.	USA	17084	C	CORUM	TURKEY
94510	CT	CHARLEVILLE AIRPORT	AUSTRALIA	83552	C	CORUMBA	BRAZIL
99030	CT	CHARLIE	OCEAN WEATHER STATION	65344	C	COTONOU	BENIN
72314	C	CHARLOTTE/DOUGLAS, NC.	USA	41992	C	COX'S BAZAR	BANGLADESH
93986	CT	CHATHAM ISLAND	N ZEALAND	03774	T	CRAWLEY	U KINGDOM
71717	C	CHATHAM,N.B.	CANADA	78962	C	CROWN POINT AIRPORT,TOBAGO	TRINIDAD TOBAGO
72324	C	CHATTANOOGA/LOVELL FIELD,TN.	USA	82704	C	CRUZEIRO DO SUL	BRAZIL
11406	C	CHEB	CZECHOSLOVAKIA	80097	C	CUCUTA/CAMILO DAZA	COLOMBIA
56294	C	CHENGDU	CHINA	83361	C	CUIABA	BRAZIL
87322	C	CHEPES	ARGENTINA	83842	C	CURITIBA	BRAZIL
41565	C	CHERAT	PAKISTAN	83840	T	CURITIBA (AEROPORTO)	BRAZIL
07024	C	CHERBOURG	FRANCE	96739	C	CURUG/BUDIARTO	INDONESIA
42515	C	CHERRAPUNJI	INDIA	84686	C	CUZCO	PERU
76750	C	CHEYETUMAL,Q.ROO	MEXICO	43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA
72564	C	CHEYENNE, WY.	USA	48855	CT	DA NANG	VIET NAM
41768	CT	CHHOR	PAKISTAN	98440	C	DAET	PHILIPPINES
48327	CT	CHIANG MAI	THAILAND	98325	C	DAGUPAN	PHILIPPINES
72530	C	CHICAGO/O'HARE, IL.	USA	61641	CT	DAKAR/YOFF	SENEGAL
47971	CT	CHICHIJIMA	JAPAN	62432	C	DAKHLA	EGYPT

# STATION LIST WMO PUB 9 VOL A

41712	CT	DAL BANDIN	PAKISTAN	71879	C	EDMONTON MUNICIPAL ALTA.	CANADA
44373	C	DALANZADGAD	MONGOLIA	04220	CT	EGEDESMINDE	DENMARK
72259	C	DALLAS-FORT WORTH/FORT., TX.	USA	40199	C	EILAT	ISRAEL
65560	C	DALOA	COTE D'IVOIRE	62337	C	EL ARISH	EGYPT
42587	C	DALTONGANJ	INDIA	62760	CT	EL FASHER	SUDAN
40080	CT	DAMASCUS NEW INT. AIRPORT	SYRIAN ARAB REP	60590	C	EL GOLEA	ALGERIA
62805	C	DAMAZINE	SUDAN	60540	C	EL KHEITER	ALGERIA
04320	CT	DANMARKSHAVN	DENMARK	62771	C	EL OBEID	SUDAN
65351	C	DAPAON	TOGO	60559	C	EL OUED	ALGERIA
63894	CT	DAR ES SALAAM AIRPORT	U REP TANZANIA	72270	C	EL PASO/INT., TX.	USA
60390	CT	DAR-EL-BEIDA	ALGERIA	86585	C	EL PRADO	URUGUAY
42391	C	DARBHANGA	INDIA	84179	C	EL PUZO	ECUADOR
42295	C	DARJEELING	INDIA	60367	C	EL-KALA	ALGERIA
61891	C	DARU	SIERRA LEONE	60550	CT	ELBAYADH	ALGERIA
94120	CT	DARWIN AIRPORT	AUSTRALIA	12160	C	ELBLAG	POLAND
98753	C	DAVAO AIRPORT	PHILIPPINES	63686	C	ELDORET	KENYA
40435	C	DAWADMI	SAUDI ARABIA	72486	C	ELY/YELLAND, NV.	USA
72429	C	DAYTON/JAMES M. COX DAY., OH.	USA	10203	C	EMDEN-HAFEN	GERMANY, FED REP
06260	CT	DE BILT	NETHERLANDS	76256	T	EMPALME, SON.	MEXICO
12882	C	DEBRECEN	HUNGARY	62781	C	EN NAHUD	SUDAN
65505	C	DEDougou	BURKINA FASO	86297	C	ENCARNACION	PARAGUAY
40045	C	DEIR EZZOR	SYRIAN ARAB REP	29263	C	ENISEJSK	USSR
17237	C	DENIZLI	TURKEY	63705	CT	ENTEBBE AIRPORT	UGANDA
97230	C	DENPASAR/NGURAH-RAI	INDONESIA	65257	C	ENUGU	NIGERIA
72469	C	DENVER/STAPLETON INT., CO.	USA	24817	C	ERBOGACEN	USSR
41652	C	DERA GHAZI KHAN	PAKISTAN	53068	C	ERENHOT	CHINA
41624	CT	DERA ISMAIL KHAN	PAKISTAN	09554	C	ERFURT-BINDERSLEBEN	GERMAN DEM REP
72546	C	DES MOINES/MUN., IA.	USA	60210	C	ERRACHIDIA	MOROCCO
72537	C	DETROIT/METROPOLITAN, MI.	USA	17092	C	ERZINCAN	TURKEY
40416	CT	DHAHRAN	SAUDI ARABIA	40800	C	ESFAHAN	IRAN, ISLAMIC REP
41923	CT	DHAKA	BANGLADESH	03162	C	ESKDALEMUIR	U KINGDOM
42404	C	DHUBRI	INDIA	94638	CT	ESPERANCE	AUSTRALIA
42314	C	DIBRUGARH/MOHANBARI	INDIA	88963	C	ESPERANZA B.E.	ARGENTINA
61967	CT	DIEGO GARCIA	USA	87803	C	ESQUEL AERO	ARGENTINA
67009	C	DIEGO-SUAREZ	MADAGASCAR	24105	C	ESSEJ	USSR
61085	C	DIFFA	NIGER	10410	CT	ESSEN	GERMANY, FED REP
07280	C	DIJON	FRANCE	72594	C	EUREKA, CA.	USA
17180	C	DIKILI	TURKEY	71917	CT	EUREKA, N.W.T.	CANADA
65562	C	DIMBOKRO	COTE D'IVOIRE	72432	C	EVANSVILLE/REG., IN.	USA
89054	C	DINAMET-URUGUAY	URUGUAY	87576	CT	EZEIZA AERO	ARGENTINA
61666	C	DIOURBEL	SENEGAL	65507	C	FADA N'GOURMA	BURKINA FASO
98741	C	DIPOLOG	PHILIPPINES	70261	C	FAIRBANKS/INT., AK.	USA
41508	C	DIR	PAKISTAN	16191	C	FALCONARA	ITALY
63471	C	DIRE DAWA	ETHIOPIA	89063	C	FARADAY (ARGENTINE ISLAND)	U KINGDOM
40672	C	DIWANIYA	IRAQ	72753	C	FARGO/HECTOR FIELD, ND.	USA
17280	CT	DIYARBAKIR	TURKEY	64753	C	FAYA	CHAD
64453	C	DJAMBALA	CONGO	82400	CT	FERNANDO DE NORONHA	BRAZIL
60670	C	DJANET	ALGERIA	09578	C	FICHTELBERG	GERMAN DEM REP
60535	C	DJELFA	ALGERIA	17375	C	FINIKE	TURKEY
63125	C	DJIBOUTI	DJIBOUTI	72637	C	FLINT/BISHOP, MI.	USA
72451	C	DODGE CITY/MUN., KS.	USA	82678	CT	FLORIANO	BRAZIL
63862	C	DODOMA	U REP TANZANIA	83897	C	FLORIANOPOLIS	BRAZIL
41170	CT	DOHA INTERNATIONAL AIRPORT	QATAR	16613	C	FLORINA	GREECE
87648	C	DOLORES AERO	ARGENTINA	87162	C	FORMOSA AERO	ARGENTINA
62650	CT	DONGOLA	SUDAN	94646	CT	FORREST AIRPORT	AUSTRALIA
65501	C	DORI	BURKINA FASO	71945	CT	FORT NELSON, B.C.	CANADA
64910	C	DOUALA OBS.	REP CAMEROON	38001	C	FORT SEVCENKO	USSR
64910	T	DOUALA R.S.	REP CAMEROON	71934	CT	FORT SMITH, N.W.T.	CANADA
09488	C	DRESDEN-KLOTZSCHE	GERMAN DEM REP	72344	C	FORT SMITH/MUN., AR.	USA
41515	CT	DROSH	PAKISTAN	72533	C	FORT WAYNE/MUN., BAER FL., IN.	USA
41194	C	DUBAI INTERNATIONAL AIRPORT	U ARAB EMIRATES	82397	CT	FORTALEZA	BRAZIL
03969	C	DUBLIN AIRPORT	IRELAND	72389	C	FRESNO/AIR TERM., CA.	USA
52836	C	DULAN	CHINA	71909	CT	FROBISHER BAY, N.W.T.	CANADA
72745	C	DULUTH/INT., MN.	USA	47843	C	FUKUE	JAPAN
42599	C	DUMKA	INDIA	47807	CT	FUKUOKA	JAPAN
89642	CT	DUMONT D'URVILLE	FRANCE	91643	CT	FUNAFUTI	N ZEALAND
68588	CT	DURBAN (LOUIS BOTHA)	SOUTH AFRICA	08522	CT	FUNCHAL	MADEIRA
42731	C	DWARKA	INDIA	60765	C	GABES	TUNISIA
67005	C	DZAOUDZI/PAMANZI (MAYOTTE)	FRANCE	68244	C	GABORONE	BOTSWANA
24143	C	DZARDZAN	USSR	60745	C	GAFSA	TUNISIA
68858	C	EAST LONDON	SOUTH AFRICA	65557	C	GAGNOA	COTE D'IVOIRE
94907	C	EAST SALE AERODROME	AUSTRALIA	83746	T	GALEAO	BRAZIL
62750	C	ED DUEIM	SUDAN	72242	C	GALVESTON, TX.	USA
03160	C	EDINBURGH AIRPORT	U KINGDOM	64454	C	GAMBOMA	CONGO
17050	C	EDIRNE	TURKEY	71803	C	GANDER INT. AIRPORT, NFLD.	CANADA
71119	T	EDMONTON (STONY PLAIN), ALTA CANADA		57993	C	GANZHOU	CHINA

# STATION LIST WMO PUB 9 VOL A

61226 C GAO	MALI	47678 C HACHIJOGIMA	JAPAN
65522 C GAOUA	BURKINA FASO	47678 T HACHIJOGIMA/OMURE	JAPAN
63723 CT GARISSA	KENYA	76692 T HACIENDA YLANG YLANGVERACRUZ	MEXICO
64860 C GAROUA	REP CAMEROON	40634 C HADITHA	IRAQ
40405 C GASSIM	SAUDI ARABIA	47069 C HAEJU	DPR KOREA
42410 CT GAUHATI	INDIA	40373 C HAFR AL-BATIN	SAUDI ARABIA
80241 CT GAVIOTAS	COLOMBIA	59758 C HAIKOU	CHINA
61099 C GAYA	NIGER	40394 CT HAIL	SAUDI ARABIA
17260 C GAZIANTEP	TURKEY	50527 CT HAILAR	CHINA
62752 C GEDAREF	SUDAN	17285 C HAKKARI	TURKEY
10628 C GEISENHEIM	GERMANY, FED REP	47430 C HAKODATE	JAPAN
64006 C GEMENA	ZAIRE	71081 CT HALL BEACH,N.W.T.	CANADA
17162 C GEMEREK	TURKEY	89022 CT HALLEY	U KINGDOM
87619 C GENERAL ACHA	ARGENTINA	94212 C HALLS CREEK AIRPORT	AUSTRALIA
89034 C GENERAL BELGRANO II B.E.	ARGENTINA	40030 C HAMA	SYRIAN ARAB REP
87532 C GENERAL PICO AERO	ARGENTINA	47755 C HAMADA	JAPAN
89066 C GENERAL SAN MARTIN B.E.	ARGENTINA	43497 C HAMBANTOTA	SRI LANKA
06700 C GENEVE-COINTRIN	SWITZ. LIECH.	10147 C HAMBURG-FUHLSBUETTEL	GERMANY, FED REP
89002 CT GEORG VON NEUMAYER	GERMANY, F.R.	52203 C HAMI	CHINA
68828 C GEORGE AIRPORT	SOUTH AFRICA	10338 CT HANNOVER	GERMANY, FED REP
81001 C GEORGETOWN	GUYANA	23933 CT HANTY-MANSIJSK	USSR
94403 C GERALDTON AIRPORT	AUSTRALIA	91944 CT HAO	FRENCH POLY.
68024 C GHANZI	BOTSWANA	02196 C HAPARANDA	SWEDEN
60566 C GHARDAIA	ALGERIA	34300 CT HAR'KOV	USSR
62338 C GHAZZA	EGYPT	67774 T HARARE (BELVEDERE)	ZIMBABWE
62161 C GIALO	LIBYAN ARAB JAMAHIRI	67775 C HARARE (KUTSAGA OBSY.)	ZIMBABWE
08495 CT GIBRALTAR	GIBRALTAR	02361 C HARNOSAND	SWEDEN
94461 CT GILES	AUSTRALIA	72508 C HARTFORD/BRADLEY INTNL., CT.	USA
80219 C GIRARDOT/SANTIAGO VILLA	COLOMBIA	60581 C HASSI-MESSAOUD	ALGERIA
17034 C GIRESUN	TURKEY	20891 CT HATANGA	USSR
93291 C GISBORNE AERODROME	N ZEALAND	78988 CT HATO AIRPORT,CURACAO	CURACAO BONAIRE
64381 C GISENYI	RWANDA	72772 C HELENA/COUNTY-CITY, MT.	USA
41140 C GIZAN	SAUDI ARABIA	02974 C HELSINKI-VANTAA	FINLAND
94380 C GLADSTONE	AUSTRALIA	62378 CT HELWAN	Egypt
72768 C GLASGOW/INT., MT.	USA	16754 CT HERAKLION	GREECE
20292 CT GMO IM.E.K. FEDOROVA	USSR	40938 CT HERAT	AFGHANISTAN
43192 CT GOA/PANJIM	INDIA	91945 C HEREHERETUE	FRENCH POLY.
87880 C GOBERNADOR GREGORES AERO	ARGENTINA	91753 C HIHIFO (ILE WALLISI)	N CALEDONIA
04250 C GODTHAB	DENMARK	91285 CT HILO/GEN. LYMAN, HAWAII	USA
09499 C GOERLITZ	GERMAN DEM REP	47765 C HIROSHIMA	JAPAN
17110 C GOKCEADA	TURKEY	04082 C HJARDARNES	ICELAND
63331 C GONDAR	ETHIOPIA	48900 CT HO CHI MINH VILLE	VIET NAM
72465 C GOODLAND/RENNER FIELD/, KS.	USA	94975 CT HOBART AIRPORT	AUSTRALIA
71816 CT GOOSE,NFLD.	CANADA	93614 C HOKITIKA AERODROME	N ZEALAND
97048 C GORONTALO/JALALUDDIN	INDONESIA	61240 C HOMBORI	MALI
02527 T GOTEBOORG/LANDVETTER	SWEDEN	91517 T HONIARA	SOLOMON ISLANDS
02512 C GOTEBOORG/SAVE	SWEDEN	91520 C HONIARA/HENDERSON	SOLOMON ISLANDS
68906 CT GOUGH ISLAND	SOUTH AFRICA	91182 C HONOLULU, OAHU, HAWAII	USA
61045 C GOURE	NIGER	17042 C HOPA	TURKEY
94150 CT GOVE AIRPORT	AUSTRALIA	08506 C HORTA (ACORES)	PORTUGAL
72476 C GRAND JUNCTION/WALKER F.,CO.	USA	23219 C HOSEDA-HARD	USSR
72635 C GRAND RAPIDS/KENT CO., MI.	USA	51828 C HOTAN	CHINA
78954 C GRANTLEY ADAMS	BARBADOS	72243 C HOUSTON/INTERCONTINENTAL,TX.	USA
11240 C GRAZ-THALERHOF- FLUGHAFEN	AUSTRIA	78806 T HOWARD AFB	PANAMA
72775 CT GREAT FALLS/INT., MT.	USA	66318 C HUAMBO (NOVA LISBOA)	ANGOLA
72645 C GREEN BAY/A.-STRAUBEL, WI.	USA	84347 C HUAMBOS	PERU
72317 C GREENSBORO/G.-HIGH PT., NC.	USA	84405 C HUANCABAMBA	PERU
72312 C GREENVILLE/GREENVILLE-SP.,SC	USA	84564 C HUANUCO	PERU
09184 CT GREIFSWALD	GERMAN DEM REP	84630 C HUAYAO	PERU
68014 CT GROOTFONTEIN	NAMIBIA	72425 C HUNTINGTON/TRI-STATE, WV.	USA
76612 C GUADALAJARA,JAL.	MEXICO	72654 C HURON/HURON REGIONAL, SD.	USA
87497 C GUALEGUAYCHU AERO	ARGENTINA	41765 C HYDERABAD	PAKISTAN
91217 C GUAM, MARIANA IS.	USA	43128 CT HYDERABAD AIRPORT	INDIA
78701 C GUANAJA	HONDURAS	47016 C HYESAN	DPR KOREA
76577 C GUANAJUATO,GTO.	MEXICO	15090 C IASI	ROMANIA
59287 CT GUANGZHOU	CHINA	98324 C IBA	PHILIPPINES
78640 C GUATEMALA (OBSERVA- TORIO NA	GUATEMALA	80214 C IBAGUE/PERALES	COLOMBIA
84203 CT GUAYAQUIL/SIMON BOLIVAR	ECUADOR	84043 C IBARRA/ATAHUALPA	ECUADOR
63630 C GULU	UGANDA	32411 C ICA	USSR
17088 C GUMUSHANE	TURKEY	16756 C IERAPETRA	GREECE
02128 C GUNNARN	SWEDEN	17100 C IGDIR	TURKEY
35700 CT GUR'EV	USSR	83821 C IGUAPE	BRAZIL
40360 C GURIAT	SAUDI ARABIA	87097 C IGUAZU AERO	ARGENTINA
40250 C H-4 'IRWAISHED'	JORDAN	61972 C ILE EUROPA	FRANCE
48820 CT HA NOI	VIET NAM	61970 C ILE JUAN DE NOVA	FRANCE
31735 CT HABAROVSK	USSR	61968 C ILES GLORIEUSES	FRANCE

# STATION LIST WMO PUB 9 VOL A

25248	C	ILIRNEJ	USSR	87548	C	JUNIN AERO	ARGENTINA
60640	C	ILLIZI	ALGERIA	32150	CT	JUZNO-SAHALINSK	USSR
98637	C	ILOILO	PHILIPPINES	02935	CT	JYVASKYLA	FINLAND
65101	C	ILORIN	NIGERIA	61886	C	KABALA	SIERRA LEONE
31416	C	IM POLINY OSIPENKO	USSR	40948	CT	KABUL AIRPORT	AFGHANISTAN
64459	C	IMPFONDO	CONGO	67663	C	KABWE	ZAMBIA
60611	C	IN AMENAS	ALGERIA	62810	C	KADUGLI	SUDAN
60630	CT	IN SALAH	ALGERIA	61492	C	KAEDI	MAURITANIA
60690	C	IN-GUEZZAM	ALGERIA	47827	C	KAGOSHIMA	JAPAN
47112	C	INCHON	REP KOREA	47827	T	KAGOSHIMA/YOSHINO	JAPAN
72438	C	INDIANAPOLIS/I.-MUN/WEI., IN.	USA	97760	C	KAIMANA/UTAROM	INDONESIA
42754	C	INDORE	INDIA	60735	C	KAIROUAN	TUNISIA
17024	C	INEBOLU	TURKEY	93012	CT	KAITAIA	N ZEALAND
98434	C	INFANTA	PHILIPPINES	02897	C	KAJAANI	FINLAND
67323	C	INHAMBANE	MOZAMBIQUE	41535	C	KAKUL'	PAKISTAN
11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA	30469	C	KALAKAN	USSR
64115	C	INONGO	ZAIRE	16726	C	KALAMATA	GREECE
72747	CT	INT. FALLS/FALLS INT., MN.	USA	64285	C	KALEMIE	ZAIRE
71907	CT	INUUKJUAK, QUE	CANADA	94637	CT	KALGOORLIE AIRPORT	AUSTRALIA
71957	CT	INUVIK,N.W.T.	CANADA	64380	C	KAMEMBE	RWANDA
93844	CT	INVERCARGILL AERODROME	N ZEALAND	25744	C	KAMENSKOE	USSR
16642	C	IOANNINA	GREECE	40001	C	KAMISHLI	SYRIAN ARAB REP
80370	C	IPIALES/SAN LUIS	COLOMBIA	48985	C	KAMPOT	DEM KAMPUCHEA
84377	C	IQUITOS	PERU	67586	C	KAMUZU INTL.	MALAWI
30710	C	IRKUTSK	USSR	64235	C	KANANGA	ZAIRE
47918	CT	ISHIGAKIJIMA	JAPAN	40637	C	KANAQIN	IRAQ
64062	C	ISIRO	ZAIRE	47605	C	KANAZAWA	JAPAN
17370	C	ISKENDERUN	TURKEY	40990	CT	KANDAHAR AIRPORT	AFGHANISTAN
85469	C	ISLA DE PASCUA	CHILE	65306	C	KANDI	BENIN
85585	C	ISLA ROBINSON CRUSOE	CHILE	47105	C	KANGNUNG	REP KOREA
41571	CT	ISLAMABAD AIRPORT	PAKISTAN	22165	C	KANIN NOS	USSR
88968	C	ISLAS ORCADAS D.N. (OBSERVAT	ARGENTINA	61829	C	KANKAN	GUINEA
88968	T	ISLAS ORCADAS D.N. (OBSERVAT	ARGENTINA	65046	CT	KANO	NIGERIA
17240	CT	ISPARTA	TURKEY	72446	C	KANSAS CITY, INTNL., MO.	USA
17062	CT	ISTANBUL/GOZTEPE	TURKEY	61679	C	KAOLACK	SENEGAL
98132	C	ITBAYAT	PHILIPPINES	71831	C	KAPUSKASING,ONT.	CANADA
17220	CT	IZMIR	TURKEY	41780	CT	KARACHI AIRPORT	PAKISTAN
84088	C	IZOBAMBA-SANTA CATALINA	ECUADOR	41782	C	KARACHI MANORA	PAKISTAN
47800	C	IZUHARA	JAPAN	41781	C	KARACHI MASROOR	PAKISTAN
68112	CT	J.G. STRIJDOM	NAMIBIA	35394	CT	KARAGANDA	USSR
87305	C	JACHAL	ARGENTINA	02080	C	KARESUANDO	SWEDEN
72235	C	JACKSON/ALLEN C. THOMP., MS.	USA	62660	C	KARIMA	SUDAN
72206	C	JACKSONVILLE/INT., FL.	USA	02418	C	KARLSTAD FLYGPLATS	SWEDEN
41715	CT	JACOBABAD	PAKISTAN	17098	C	KARS	TURKEY
43041	C	JAGDALPUR	INDIA	67475	C	KASAMA	ZAMBIA
96747	C	JAKARTA HALIM PERDANAKUSUMA	INDONESIA	51709	C	KASHI	CHINA
96745	C	JAKARTA/OBSERVATORY	INDONESIA	62730	C	KASSALA	SUDAN
96749	CT	JAKARTA/SOEKARNO-HATTA	INDONESIA	10438	C	KASSEL	GERMANY, FED REP
24959	CT	JAKUTSK	USSR	17074	C	KASTAMONU	TURKEY
42055	T	JAMMU	INDIA	16614	C	KASTORIA (AIRPORT)	GREECE
01001	CT	JAN MAYEN	NORWAY	44454	CT	KATHMANDU AIRPORT	NEPAL
68368	C	JAN SMUTS	SOUTH AFRICA	26629	CT	KAUNAS	USSR
96791	C	JATIWANGI	INDONESIA	16625	C	KAVALA	GREECE
97690	C	JAYAPURA/SENTANI	INDONESIA	61257	C	KAYES	MALI
41024	CT	JEDDAH/KING ABDUL AZIZ INT.)	SAUDI ARABIA	27595	CT	KAZAN'	USSR
60725	C	JENDOUBA	TUNISIA	61699	C	KEDOUGOU	SENEGAL
40184	C	JERUSALEM	ISRAEL	68312	C	KEETMANSHOOP	NAMIBIA
40290	C	JERUSALEM AIRPORT	JORDAN	04018	CT	KEFLAVIK	ICELAND
41936	C	JESSORE	BANGLADESH	97146	C	KENDARI/WOLTERMON- GINSIDI	INDONESIA
41598	CT	JHELUM	PAKISTAN	61285	C	KENIEBA	MALI
60351	C	JIJEL	ALGERIA	16641	C	KERKYRA	GREECE
63402	C	JIMMA	ETHIOPIA	40841	CT	KERMAN	IRAN, ISLAMIC REP
52533	C	JIUQUAN	CHINA	72201	C	KEY WEST/INT.,FL.	USA
41756	CT	JIHWANI	PAKISTAN	41114	CT	KHAMIS MUSHAIT	SAUDI ARABIA
42339	CT	JODHPUR	INDIA	41718	CT	KHANPUR	PAKISTAN
02963	CT	JOKIOINEN	FINLAND	62721	CT	KHARTOUM	SUDAN
02550	C	JONKOPING FLYGPLATS	SWEDEN	41744	CT	KHUZDAR	PAKISTAN
65134	C	JOS	NIGERIA	61214	C	KIDAL	MALI
78762	CT	JUAN SANTAMARIA	COSTA RICA	33345	CT	KIEV	USSR
84474	C	JUANJUI	PERU	61498	C	KIFFA	MAURITANIA
62941	C	JUBA	SUDAN	64387	C	KIGALI	RWANDA
83692	C	JUIZ DE FORA	BRAZIL	64222	C	KIKWIT	ZAIRE
87046	C	JUJUY AERO	ARGENTINA	68438	C	KIMBERLEY	SOUTH AFRICA
84735	C	JULIACA	PERU	47025	C	KIMCHAEK	DPR KOREA
78866	C	JULIANA AIRPORT, ST. MAARTEN	ST. MAARTEN, ST. EUS	61818	C	KINDIA	GUINEA
78866	T	JULIANA AIRPORT, ST. MAARTEN	ST. MAARTEN, ST. EUS	64155	C	KINDU	ZAIRE

# STATION LIST WMO PUB 9 VOL A

40437	CT	KING KHALED INT. AIRPORT	SAUDI ARABIA	68476	C	LADYSMITH	SOUTH AFRICA
70326	C	KING SALMON, AK.	USA	94027	CT	LAE M.O.	PAPUA N GUINEA
45004	T	KING'S PARK	HONG KONG	60545	C	LAGHOUAT	ALGERIA
78397	CT	KINGSTON/NORMAN MANLEY	JAMAICA	87903	C	LAGO ARGENTINO AERO	ARGENTINA
64210	C	KINSHASA/N'DJILI	ZAIRE	65201	C	LAGOS/IKEJA	NIGERIA
30230	CT	KIRENSK	USSR	65202	T	LAGOS/OSHODI	NIGERIA
40621	C	KIRKUK	IRAQ	41641	C	LAHORE AIRPORT	PAKISTAN
27196	C	KIROV	USSR	41640	CT	LAHORE CITY	PAKISTAN
17160	C	KIRSEHIR	TURKEY	08509	T	LAJES (ACORES)	PORTUGAL
64040	C	KISANGANI	ZAIRE	72240	CT	LAKE CHARLES/MUN., LA.	USA
61834	C	KISSIDIOUGOU	GUINEA	64551	C	LAMBARENE	GABON
61270	C	KITA	MALI	16675	C	LAMIA	GREECE
64203	C	KITONA	ZAIRE	72576	CT	LANDER/HUNT, WY.	USA
11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA	52889	CT	LANZHOU	CHINA
72326	C	KNOXVILLE/MUN., TN.	USA	98223	CT	LACAG	PHILIPPINES
06181	T	KOBENHAVN/JAEGERSBORG	DENMARK	16648	C	LARISSA	GREECE
06180	C	KOBENHAVN/KASTRUP	DENMARK	17609	C	LARNACA AIRPORT	CYPRUS
06186	C	KOBENHAVN/LANDBOHOJSKOLEN	DENMARK	87078	C	LAS LOMITAS	ARGENTINA
47893	C	KOCHI	JAPAN	72386	C	LAS VEGAS/MCCARRAN, NV.	USA
47638	C	KOFU	JAPAN	64560	C	LASTOURSVILLE	GABON
41564	C	KOHAT	PAKISTAN	40022	C	LATTAKIA	SYRIAN ARAB REP
61698	C	KOLDA	SENEGAL	94968	C	LAUNCESTON AIRPORT	AUSTRALIA
29231	CT	KOLPASEV	USSR	94865	CT	LAVERTON AERODROME	AUSTRALIA
16610	C	KOMOTINI	GREECE	78925	C	LE LAMENTIN	MARTINIQUE
10929	C	KONSTANZ	GERMANY, FED REP	78897	CT	LE RAIZET, GUADELOUPE	ST. MARTIN, ST. BART
17248	C	KONYA/EREGLI	TURKEY	94302	C	LEARMONTH AIRPORT	AUSTRALIA
25954	CT	KORF	USSR	12120	CT	LEBA	POLAND
65536	C	KORHOGO	COTE D'IVOIRE	03257	C	LEEMING	U KINGDOM
91408	C	KOROR, PALAU IS.	USA	98444	C	LEGASPI	PHILIPPINES
16742	C	KOS (AIRPORT)	GREECE	12374	T	LEGIONOWO	POLAND
62772	C	KOSTI	SUDAN	09469	C	LEIPZIG-SCHKEUDITZ	GERMAN DEM REP
42452	C	KOTA AERODROME	INDIA	26063	CT	LENINGRAD (TOWN/VILLE)	USSR
48615	CT	KOTA BHARU	MALAYSIA	03005	CT	LERWICK	U KINGDOM
96471	CT	KOTA KINABALU	MALAYSIA	71874	C	LETHBRIDGE, ALTA.	CANADA
70133	CT	KOTZEBUE, RALPH WIEN, AK.	USA	80398	CT	LETICIA/VASQUEZ COBO	COLOMBIA
91577	C	KOUMAC (NLLE-CALEDONIE)	N CALEDONIA	72422	C	LEXINGTON/BLUE GRASS, KY.	USA
64893	C	KOUNDJA	REP CAMEROON	55591	CT	LHASA	CHINA
61293	C	KOUTIALA	MALI	64015	C	LIBENGE	ZAIRE
16632	C	KOZANI	GREECE	64500	C	LIBREVILLE	GABON
43314	C	KOZHIKODE	INDIA	67217	C	LICHINGA	MOZAMBIQUE
29574	CT	KRASNOJARSK	USSR	91165	CT	LIHUE, KAUAI, HAWAII	USA
38507	C	KRASNOVODSK	USSR	84628	CT	LIMA-CALLAO/AEROPORTO INT.	PERU
64971	C	KRIBI	REP CAMEROON	16650	C	LIMNOS(AIRPORT)	GREECE
48648	T	KUALA LUMPUR/PETALING JAYA	MALAYSIA	07434	C	LIMOGES	FRANCE
48647	C	KUALA LUMPUR/SUBANG	MALAYSIA	09393	CT	LINDEBERG	GERMAN DEM REP
48657	CT	KUANTAN	MALAYSIA	61627	C	LINGUERE	SENEGAL
96413	CT	KUCHING	MALAYSIA	11010	C	LINZ/HOERSCHING- FLUGHAFEN	AUSTRIA
62271	CT	KUFRA	LIBYAN ARAB JAMAHIRI	64014	C	LISALA	ZAIRE
47819	C	KUMAMOTO	JAPAN	08535	C	LISBOA	PORTUGAL
65442	C	KUMASI	GHANA	08579	T	LISBOA/GAGO COUTINHO	PORTUGAL
17059	C	KUMKÖY	TURKEY	67743	C	LIVINGSTONE	ZAMBIA
56778	CT	KUNMING	CHINA	13015	C	LJUBLJANA/BEZIGRAD	YUGOSLAVIA
97372	C	KUPANG/EL TARI	INDONESIA	84545	C	LLATA	PERU
47418	C	KUSHIRO	JAPAN	64146	C	LODJA	ZAIRE
28952	CT	KUSTANAJ	USSR	84270	C	LOJA/LA ARGELIA	ECUADOR
40665	C	KUT-AL-HAI	IRAQ	15511	C	LOM	BULGARIA
71906	CT	KUUJUAQ, QUE.	CANADA	65387	C	LOME	TOGO
40582	C	KUWAIT INTERNATIONAL AIRPORT	KUWAIT	03776	C	LONDON/GATWICK AIRPORT	U KINGDOM
40582	T	KUWAIT INTERNATIONAL AIRPORT	KUWAIT	83766	C	LONDrina	BRAZIL
91366	C	KWAJALEIN/BUCH. MARSHALL IS.	USA	94346	C	LONGREACH AIRPORT	AUSTRALIA
16743	C	KYTHIRA	GREECE	72247	T	LONGVIEW, TX.	USA
33393	CT	L'VOV	USSR	94995	CT	LORD HOWE ISLAND	AUSTRALIA
80476	T	LA CANADA(MARACAIBO)	VENEZUELA	78652	C	LOS ANDES	EL SALVADOR
78705	C	LA CEIBA (AIRPORT)	HONDURAS	72295	C	LOS ANGELES/INT. CA.	USA
08001	CT	LA CORUNA	SPAIN	64401	C	LOUBOMO	CONGO
71823	CT	LA GRANDE IV	CANADA	72423	C	LOUISVILLE/STANDIFORD, KY.	USA
78708	C	LA MESA (SAN PEDRO SULA)	HONDURAS	66160	CT	LUANDA	ANGOLA
80405	C	LA ORCHILA	VENEZUELA	48930	C	LUANG-PRABANG	LAO PDR
76405	C	LA PAZ, B.C.S.	MEXICO	66390	CT	LUBANGO (SA DA BANDEIRA)	ANGOLA
85201	C	LA PAZ/ALTO	BOLIVIA	72267	C	LUBBOCK/LUBBOCK INT., TX.	USA
87007	C	LA QUIACA OBSERVATORIO	ARGENTINA	64360	C	LUBUMBASHI-LUANO	ZAIRE
87217	C	LA RIOJA AERO.	ARGENTINA	42369	T	LUCKNOW/AMAUSI	INDIA
85488	C	LA SERENA	CHILE	42099	C	LUDHIANA	INDIA
78672	C	LA UNION	EL SALVADOR	66285	CT	LUENA (LUSO)	ANGOLA
61809	C	LA BE	GUINEA	06770	C	LUGANO	SWITZ. LIECH.
87534	C	LABOULAYE	ARGENTINA	98747	C	LUMBIA AIRPORT	PHILIPPINES

# STATION LIST WMO PUB 9 VOL A

61856	C	LUNGI	SIERRA LEONE	61996	C	MARTIN DE VIVIES (ILE AMSTER FRANCE
64209	C	LUOZI	ZAIRE	61996	T	MARTIN DE VIVIES (ILE AMSTER FRANCE
16597	C	LUQA	MALTA	60507	C	ALGERIA
67666	T	LUSAKA CITY AIRPORT	ZAMBIA	68454	C	LESOTHO
06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG	40745	CT	IRAN, ISLAMIC REP
07480	C	LYON/BRON	FRANCE	41288	C	OMAN
07481	T	LYON/SATOLAS	FRANCE	44314	C	MONGOLIA
64452	C	M'POUYA	CONGO	64207	C	ZAIRE
60467	C	M'SILA	ALGERIA	61630	C	SENEGAL
40310	C	MA'AN	JORDAN	47618	C	JAPAN
98648	C	MAASIN	PHILIPPINES	84600	C	PERU
45011	C	MACAO	MACAU	68032	C	BOTSWANA
61847	C	MACENTA	GUINEA	66447	C	ANGOLA
43185	C	MACHILIPATNAM (FRANCHPET)	INDIA	64503	C	GABON
94367	C	MACKAY	AUSTRALIA	40911	C	AFGHANISTAN
72217	C	MACON/LEWIS B. WILSON, GA.	USA	84760	C	PERU
94998	CT	MACQUARIE ISLAND	AUSTRALIA	64005	C	ZAIRE
98646	CT	MACTAN	PHILIPPINES	64247	C	ZAIRE
94014	C	MADANG M.O.	PAPUA N GUINEA	70231	C	USA
40430	CT	MADINAH	SAUDI ARABIA	60549	C	ALGERIA
72641	C	MADISON/DANE COUNTY REG., WI.	USA	96035	CT	INDONESIA
43279	CT	MADRAS/MINAMBAKKAM	INDIA	72597	T	USA
08222	C	MADRID	SPAIN	72597	C	USA
08221	T	MADRID/BARAJAS	SPAIN	94430	C	AUSTRALIA
47624	C	MAEBASHI	JAPAN	48053	T	BURMA
40265	T	MAFRAG	JORDAN	09548	CT	GERMAN DEM REP
61091	C	MAGARIA	NIGER	64545	C	GABON
85114	C	MAGDALENA	BOLIVIA	60150	C	MOROCCO
60522	C	MAGHNIA	ALGERIA	86440	C	URUGUAY
65082	C	MAIDUGURI	NIGERIA	97014	CT	INDONESIA
61096	C	MAINE-SOROA	NIGER	61250	C	MALI
91376	C	MAJURO/MARSHALL IS. INT.	USA	87418	CT	ARGENTINA
64403	C	MAKABANA	CONGO	56985	C	CHINA
41030	C	MAKKAH	SAUDI ARABIA	66410	C	ANGOLA
64556	C	MAKOKOU	GABON	08314	C	SPAIN
64456	C	MAKOUA	CONGO	97980	C	INDONESIA
65271	C	MAKURDI	NIGERIA	86490	C	URUGUAY
48665	C	MALACCA	MALAYSIA	80438	C	VENEZUELA
62840	CT	MALAKAL	SUDAN	72234	C	USA
66215	C	MALANGE	ANGOLA	52306	CT	EGYPT
87506	C	MALARGUE AERO	ARGENTINA	16420	C	ITALY
98751	C	MALAYBALAY	PHILIPPINES	16734	C	GREECE
03980	C	MALIN HEAD	IRELAND	72202	C	USA
63799	C	MALINDI	KENYA	41592	C	PAKISTAN
64890	C	MAMFE	REP CAMEROON	72265	C	USA
61820	C	MAMOU	GUINEA	91066	CT	USA
65548	C	MAN	COTE D'IVOIRE	99090	CT	OCEAN WEATHER STATIO
78741	C	MANAGUA A.C. SANDINO	NICARAGUA	84202	C	ECUADOR
82331	C	MANAUS	BRAZIL	16080	CT	ITALY
82332	T	MANAUS (AEROPORTO)	BRAZIL	94693	C	AUSTRALIA
03334	C	MANCHESTER AIRPORT	U KINGDOM	60430	C	ALGERIA
48042	C	MANDALAY	BURMA	72640	C	USA
44341	C	MANDALGOVI	MONGOLIA	47945	CT	JAPAN
65352	C	MANGO	TOGO	47991	CT	JAPAN
98429	C	MANILA INTERNATIONAL AIRPORT	PHILIPPINES	43369	CT	INDIA
17186	C	MANISA	TURKEY	65123	C	NIGERIA
71722	CT	MANIWAKI, QUE.	CANADA	72658	C	USA
43413	C	MANNAR	SRI LANKA	26850	CT	USSR
97530	C	MANOKHARI/RENDANI	INDONESIA	29866	C	USSR
64282	C	MANONO	ZAIRE	12772	C	HUNGARY
76654	C	MANZANILLO, COL.	MEXICO	72773	C	MISSOULA/JOHNSON-BELL F., MT.
64701	C	MAO	CHAD	64552	C	USA
67341	C	MAPUTO/MAVALANE	MOZAMBIQUE	47585	C	GABON
87774	C	MAQUINCHAO	ARGENTINA	47927	C	JAPAN
87692	C	MAR DEL PLATA AERO	ARGENTINA	47830	C	JAPAN
80407	C	MARACAIBO-LA CHINITA	VENEZUELA	64565	C	GABON
80413	CT	MARACAY - B.A. SUCRE	VENEZUELA	72223	C	USA
61080	C	MARADI	NIGER	66422	C	ANGOLA
87467	C	MARCOS JUAREZ AERO	ARGENTINA	63260	C	SOMALIA
16325	C	MARINA DI GINOSA	ITALY	30673	C	USSR
68994	CT	MARION ISLAND	SOUTH AFRICA	47165	C	REP KOREA
86068	C	MARISCAL ESTIGARRIBIA	PARAGUAY	72544	C	USA
64851	C	MAROUA-SALAK	REP CAMEROON	94044	C	PAPUA N GUINEA
72743	C	MARQUETTE, MI.	USA	66310	C	ANGOLA
60230	C	MARRAKECH	MOROCCO	76342	C	MEXICO
07650	C	MARSEILLE/MARIGNANE	FRANCE	72349	T	USA

STATION LIST WMO PUB 9 VOL A

64758	C	MONGO	CHAD	64700	CT	NDJAMENA	CHAD
67633	C	MONGU	ZAMBIA	80315	C	NEIVA/LA MANGUITA	COLOMBIA
78388	C	MONTEGO BAY/SANGSTER	JAMAICA	61497	C	NEMA	MAURITANIA
76393	C	MONTERREY,N.L.	MEXICO	47420	CT	NEMURO	JAPAN
83437	C	MONTES CLAROS	BRAZIL	87715	CT	NEUQUEN AERO	ARGENTINA
72226	C	MONTGOMERY/DANNELLY, AL.	USA	42182	CT	NEW DELHI/SAFODARJUNG	INDIA
71627	C	MONTRAL INT.AIRPORTQUE.	CANADA	72231	C	NEW ORLEANS, LA	USA
71836	CT	MOOSONEE,ONT.	CANADA	93308	C	NEW PLYMOUTH AERODROME	N ZEALAND
61265	C	MOPTI	MALI	72503	C	NEW YORK/LA GUARDIA, NY.	USA
94527	CT	MOREE	AUSTRALIA	64870	C	NGAOUNDERE	REP CAMEROON
76665	C	MORELIA,MICH.	MEXICO	48877	C	NHA TRANG	VIET NAM
47584	C	MORIOKA	JAPAN	61052	CT	NIAMEY-AERO	NIGER
67001	C	MORONI AIRPORT (GRANDE-COMOR	COMOROS	07690	C	NICE	FRANCE
27612	CT	MOSKVA	USSR	47604	C	NIIGATA	JAPAN
60457	C	MOSTAGANEM	ALGERIA	32618	C	NIKOL'SKOE (OSTROV BERINGA)	USSR
40608	C	MOSUL	IRAQ	31369	C	NIKOLAEVSK-NA-AMURE	USSR
64550	C	MOUILA	GABON	07645	CT	NIMES/COURBESSAC	FRANCE
71072	CT	MOULD BAY A, N.W.T.	CANADA	61230	C	NIORO DU SAHEL	MALI
64706	C	MOUNDOU	CHAD	23724	C	NJAKSIMVOL'	USSR
64402	C	MOUYONDZI	CONGO	61878	C	NJALA	SIERRA LEONE
63619	C	MOYALE	KENYA	41710	CT	NOKKUNDI	PAKISTAN
84435	C	MOYOBAMBA	PERU	70200	CT	NOME, AK.	USA
94821	CT	MT GAMBIER AIRPORT	AUSTRALIA	94996	CT	NORFOLK ISLAND AIRPORT	AUSTRALIA
94332	CT	MT ISA AIRPORT	AUSTRALIA	72308	C	NORFOLK/INT., VA.	USA
63971	C	MTWARA	U REP TANZANIA	72556	C	NORFOLK/KARL STEFAN, NE.	USA
10868	T	MUENCHEN- OBERSCHEISSHEIM	GERMANY, FED REP	71043	CT	NORMAN WELLS, N.W.T.	CANADA
10866	C	MUENCHEN-RIEM	GERMANY, FED REP	71731	C	NORTH BAY,ONT.	CANADA
17292	C	MUGLA	TURKEY	72562	CT	NORTH PLATTE/LEE BIRD, NE.	USA
42147	C	MUKTESWAR KUMAON	INDIA	61415	CT	NOUADHIBOU	MAURITANIA
41675	CT	MULTAN	PAKISTAN	61442	C	NOUAKCHOTT	MAURITANIA
08430	T	MURCIA	SPAIN	91592	CT	NOUMEA (NLLE-CALEDONIE)	N CALEDONIA
44231	C	MUREN	MONGOLIA	40767	C	NOWJEH	IRAN, ISLAMIC REP
22113	CT	MURMANSK	USSR	10763	C	NUERNBERG	GERMANY, FED REP
41573	C	MURREE	PAKISTAN	86017	C	NUEVA ASUNCION	PARAGUAY
72636	C	MUSKEGON/COUNTY, MI.	USA	84132	C	NUEVO ROCAFUERTE	ECUADOR
41006	C	MUWAIIH	SAUDI ARABIA	62790	C	NYALA	SUDAN
63756	C	MWANZA	U REP TANZANIA	76775	C	OAXACA,OAX.	MEXICO
48008	C	MYITKYINA	BURMA	47417	C	OBIHIRO	JAPAN
23146	CT	MYS KAMENNYJ	USSR	64659	C	OBO	CENTRAL AFRICAN REP
25173	CT	MYS SMIDTA	USSR	33837	CT	ODESSA	USSR
25399	C	MYS UELEN	USSR	65528	C	ODIENNE	COTE D'IVOIRE
16667	C	MYTILINI	GREECE	31088	CT	OHOTSK	USSR
64654	C	N'DELE	CENTRAL AFRICAN REP	47815	C	OITA	JAPAN
61049	C	N'GUIGMI	NIGER	24688	C	OJMJAKON	USSR
61849	C	N'ZEREKORE	GUINEA	72353	C	OKLAHOMA CITY/W.R.WORLD, OK.	USA
72340	C	N. LITTLE ROCK/MUN.APRT.,AR.	USA	24125	CT	OLENEK	USSR
47817	C	NAGASAKI	JAPAN	72792	C	OLYMPIA, WA.	USA
47636	C	NAGOYA	JAPAN	47655	C	OMAEZAKI	JAPAN
42867	CT	NAGPUR SONEGAON	INDIA	72553	CT	OMAHA, NE.	USA
47936	C	NAHA	JAPAN	28698	CT	OMSK	USSR
47936	T	NAHA/KAGAMIZU	JAPAN	47598	C	ONAHAMA	JAPAN
63741	T	NAIROBI/DAGORETTI	KENYA	87016	C	ORAN AERO	ARGENTINA
63740	C	NAIROBI/KENYATTA AIRPORT	KENYA	60490	C	ORAN/ES SENIA	ALGERIA
41128	C	NAJTRAN	SAUDI ARABIA	35121	CT	ORENBURG	USSR
48431	C	NAKHON RATCHASIMA	THAILAND	01241	T	ORLAND	NORWAY
48400	C	NAKHON SAWAN	THAILAND	01241	C	ORLAND III	NORWAY
67237	CT	NAMPULA	MOZAMBIQUE	72205	C	ORLANDO/JETPORT/ FL.	USA
58606	C	NANCHANG	CHINA	40712	C	ORUMIEH	IRAN, ISLAMIC REP
07180	CT	NANCY/ESSEY	FRANCE	85242	C	ORURO	BOLIVIA
91680	CT	NANDI	FIJI	47772	C	OSAKA	JAPAN
59431	C	NANNING	CHINA	01384	CT	OSLO/GARDERMOEN	NORWAY
07222	C	NANTES	FRANCE	02226	C	OSTERSUND/FROSON	SWEDEN
16289	C	NAPOLI/CAPODICHINO	ITALY	11782	C	OSTRAVA/MOSNOV	CZECHOSLOVAKIA
23205	CT	NAR'JAN-MAR	USSR	21965	CT	OSTROV CETYREH- STOLBOVOJ	USSR
61233	C	NARA	MALI	20674	CT	OSTROV DIKSON	USSR
04270	T	NARSSARSSUAQ	DENMARK	21432	CT	OSTROV KOTEL'NYJ	USSR
72327	CT	NASHVILLE/OLD HICKORY, TN.	USA	20069	C	OSTROV VIZE	USSR
40676	C	NASIRIYA	IRAQ	65503	C	OUAGADOUGOU	BURKINA FASO
78073	CT	NASSAU AIRPORT	BAHAMAS	65502	C	OUAHIGOUYA	BURKINA FASO
82599	CT	NATAL	BRAZIL	67004	C	OUANI (ANJOUAN)	COMOROS
65319	C	NATITINGOU	BENIN	60580	C	OUARGLA	ALGERIA
91683	C	NAUSORI	FIJI	60265	C	QUARZAZATE	MOROCCO
41749	CT	NAWABSHAH	PAKISTAN	64458	C	OUESO	CONGO
16732	C	NAXOS	GREECE	41746	C	PAD IDAN	PAKISTAN
47909	C	NAZE	JAPAN	96163	C	PAOANG/TABING	INDONESIA
47909	T	NAZE/FUNCHATOGUE	JAPAN	91765	C	PAGO PAGO/INT. AIRP.	USA

# STATION LIST WMO PUB 9 VOL A

91765	T	PAGO PAGO/INT.ARPT.,AM.SAMOA USA		71109	CT	PORT HARDY,B.C.	CANADA
96109	C	PAKANBARU/SIMPANGTIGA	INDONESIA	94312	CT	PORT HEDLAND AIRPORT	AUSTRALIA
48955	C	PAKSE	LAO PDR	94035	CT	PORT MORESBY M.O.	PAPUA N GUINEA
64709	C	PALA	CHAD	62641	CT	PORT SUDAN	SUDAN
96221	C	PALEMBANG/TALANGBETUTU	INDONESIA	78437	C	PORT-AU-PRINCE (DAMIEN)	HAITI
08306	C	PALMA DE MALLORCA/SON SAN J. SPAIN		61998	C	PORT-AUX-FRANCAIS (ILES KERG FRANCE	
08302	T	PALMA/SON BONET	SPAIN	61998	T	PORT-AUX-FRANCAIS (ILES KERG FRANCE	
40061	C	PALMYRA	SYRIAN ARAB REP	64501	C	PORT-GENTIL	GABON
97072	C	PALU/MUTIARA	INDONESIA	72606	CT	PORTLAND/INT. JET PORT, ME.	USA
43363	C	PAMBAN	INDIA	72698	C	PORTLAND/INT., OR.	USA
43285	T	PANAMBUR	INDIA	83967	C	PORTO ALEGRE	BRAZIL
96237	C	PANGKALPINANG/PANGKALPINANG	INDONESIA	83971	T	PORTO ALEGRE (AEROPORTO)	BRAZIL
41739	CT	PANJGUR	PAKISTAN	83064	C	PORTO NACIONAL	BRAZIL
41560	CT	PARACHINAR	PAKISTAN	82825	C	PORTO VELHO	BRAZIL
65330	C	PARAKOU	BENIN	84135	C	PORTO VIEJO-GRANJA	ECUADOR
87374	C	PARANA AERO	ARGENTINA	08546	C	PORTO/SERRA DO PILAR	PORTUGAL
07150	C	PARIS/LE BOURGET	FRANCE	87178	C	POSADAS AERO.	ARGENTINA
41759	C	PASNI	PAKISTAN	68351	T	POTCHEFSTROOM UPPER-AIR	SOUTH AFRICA
86135	C	PASO BARRETO	PARAGUAY	09379	C	POTSDAM	GERMAN DEM REP
87814	C	PASO DE INDIOS	ARGENTINA	12330	CT	POZNAN	POLAND
87289	C	PASO DE LOS LIBRES AERO	ARGENTINA	86125	C	POZO COLORADO	PARAGUAY
86460	C	PASO DE LOS TOROS	URUGUAY	48500	C	PRACHUAP KHIRIKHAN	THAILAND
80342	C	PASTO/ANTONIO NARINO	COLOMBIA	11520	CT	PRAHA-LIBUS	CZECHOSLOVAKIA
16689	C	PATRAI	GREECE	11518	C	PRAHA/RUZYNE	CZECHOSLOVAKIA
06610	CT	PAYERNE	SWITZ. LIECH.	16245	T	PRATICA DI MARE	ITALY
12942	C	PECS	HUNGARY	86065	C	PRATS-GIL	PARAGUAY
86097	C	PEDRO JUAN CABALLERO	PARAGUAY	87149	C	PRESIDENCIA ROQUE SAENZ PENA	ARGENTINA
87544	C	PEHUAJO AERO	ARGENTINA	68262	C	PRETORIA	SOUTH AFRICA
91554	C	PEKOA AIRPORT/ESPIRITU-SANTO	Vanuatu	68263	CT	PRETORIA (IRENE)	SOUTH AFRICA
67215	C	PEMBA	MOZAMBIQUE	71896	CT	PRINCE GEORGE,B.C.	CANADA
48601	CT	PENANG/BAYAN LE PAS	MALAYSIA	72507	C	PROVIDENCE/GREEN STATE, RI.	USA
72688	C	PENDLETON, OR.	USA	80002	C	PROVIDENCIA (ISLA)	COLOMBIA
72532	C	PEORIA/GREATER PEORIA, IL.	USA	12695	C	PRZEMYSL	POLAND
80210	C	PEREIRA/MATECANA	COLOMBIA	84515	C	PUCALLPA	PERU
28225	C	PERM	USSR	85574	C	PUDAHUEL	CHILE
07747	C	PERPIGNAN	FRANCE	86184	C	PUERTO ANTEQUERA	PARAGUAY
94610	CT	PERTH AIRPORT	AUSTRALIA	80457	C	PUERTO AYACUCHO	VENEZUELA
16230	C	PESCARA	ITALY	84567	C	PUERTO BERMUDEZ	PERU
41530	CT	PESHAWAR	PAKISTAN	80139	C	PUERTO CARRERO	COLOMBIA
82983	CT	PETROLINA	BRAZIL	86096	C	PUERTO CASADO	PARAGUAY
32540	CT	PETROPAVLOVSK-KAMCHATKIJ	USSR	87896	C	PUERTO DESEADO AERO	ARGENTINA
72408	C	PHILADELPHIA/INT., PA.	USA	84560	C	PUERTO ESPERANZA	PERU
48378	C	PHITSANULOK	THAILAND	78711	C	PUERTO LEMPIRA	HONDURAS
48991	C	PHNOM-PENH/POCHENTONG	DEM KAMPUCHEA	78767	C	PUERTO LIMON	COSTA RICA
72278	C	PHOENIX/SKY HARBOR INT., AZ. USA		84658	C	PUERTO MALDONADO	PERU
48826	C	PHU LIEN	VIET NAM	85799	CT	PUERTO MONTT	CHILE
78970	C	PIARCO INT. AIRPORT,TRINIDAD	TRINIDAD	78457	C	PUERTO PLATA	Dominican Rep
78970	T	PIARCO INT. AIRPORT,TRINIDAD	TRINIDAD	86248	C	PUERTO PRESIDENTE STROESSNER	PARAGUAY
84140	C	PICHILINGUE	ECUADOR	98618	C	PUERTO PRINCESA	PHILIPPINES
68174	CT	PIETERSBURG	SOUTH AFRICA	85289	C	PUERTO SUAREZ	BOLIVIA
87679	C	PIGUE AERO	ARGENTINA	91928	C	PUKA-PUKA	FRENCH POLYNESIA
86255	C	PILAR	PARAGUAY	85934	CT	PUNTA ARENAS	CHILE
87349	C	PILAR OBSERVATORIO	ARGENTINA	84775	C	PUNTA COLES	PERU
16158	C	PISA/S. GIUSTO	ITALY	86595	C	PUNTA DEL ESTE	URUGUAY
84691	C	PISCO	PERU	87596	C	PUNTA INDIO B.A.	ARGENTINA
72520	C	PITTSBURGH/GREATER PITT.,PA. USA		78760	C	PUNTARENAS	COSTA RICA
84401	C	PIURA	PERU	84705	C	PUQUIO	PERU
37050	C	PJATIGORSK	USSR	47159	C	PUSAN	REP KOREA
61990	C	PLAISANCE (MAURITIUS)	MAURITIUS	47058	CT	PYONGYANG	DPR KOREA
03827	C	PLYMOUTH/MOUNT BATTEEN	U KINGDOM	56137	C	QAMDO	CHINA
65518	C	PO	BURKINA FASO	54857	C	QINGDAO	CHINA
72578	C	POCATELLO/NUM., ID.	USA	50745	C	QIQIHAAR	CHINA
61612	C	POGOR	SENEGAL	67283	C	QUELIMANE	MOZAMBIQUE
47138	T	POHANG	REP KOREA	41660	C	QUETTA AIRPORT	PAKISTAN
64400	C	POINTE-NOIRE	CONGO	80144	C	QUIBDO/EL CARANO	COLOMBIA
20046	CT	POLAR GMO IM.E.T. KRENKELJA	USSR	84670	C	QUILLABAMBA	PERU
91348	C	PONAPE, CAROLINE ISLANDS.	USA	72797	CT	QUILLAYUTE, WA.	USA
08513	C	PONTA DELGADA (ACORES)	PORTUGAL	84677	C	QUINCEMIL	PERU
83702	C	PONTA PORA	BRAZIL	85543	T	QUINTERO	CHILE
96581	C	PONTIANAK/SUPADIO	INDONESIA	84071	C	QUITO/MARISCAL SUCRE	ECUADOR
43063	C	POONA	INDIA	82586	C	QUIXERAMOBIM	BRAZIL
11952	T	POPRAD/GANOVCE	CZECHOSLOVAKIA	94085	C	RABAUL M.O.	PAPUA N GUINEA
11934	C	POPRAD/TATRY	CZECHOSLOVAKIA	40362	C	RAFHIA	SAUDI ARABIA
43333	CT	PORT BLAIR	INDIA	72306	C	RALEIGH/RALEIGH-DURHAM, NC.	USA
68842	CT	PORT ELIZABETH	SOUTH AFRICA	48097	CT	RANGOON	BURMA
65250	C	PORT HARCOURT	NIGERIA	91997	C	RAOUL ISLAND, KERMADEC IS.	N ZEALAND

# STATION LIST WMO PUB 9 VOL A

93997	C	RAOUL ISLAND, KERMADEC IS.	N ZEALAND	11150	C	SALZBURG-FLUGHAFEN	AUSTRIA
91958	CT	RAPA	FRENCH POLY.	35925	C	SAM	USSR
72662	C	RAPID CITY/REG., SD.	USA	16723	C	SAMOS (AIRPORT)	GREECE
91843	CT	RAROTONGA	N ZEALAND	17030	CT	SAMSUN	TURKEY
40102	C	RAYACK	LEBANON	61277	C	SAN	MALI
22602	C	REBOLY	USSR	80001	CT	SAN ANDRES (ISLA)	COLOMBIA
82900	CT	RECIFE (CURADO)	BRAZIL	72263	C	SAN ANGELO/MATHIS, TX.	USA
87270	C	RECONQUISTA AERO	ARGENTINA	80447	CT	SAN ANTONIO DEL TACHIRA	VENEZUELA
71863	C	REGINA, SASK.	CANADA	87784	C	SAN ANTONIO OESTE AERO	ARGENTINA
96171	C	RENGAT/JAPURA	INDONESIA	72253	C	SAN ANTONIO/INT., TX.	USA
72488	C	RENO/INT., NV.	USA	84008	CT	SAN CRISTOBAL (GALAPAGOS)	ECUADOR
84396	C	REQUENA	PERU	72290	C	SAN DIEGO/LINDBERGH, CA.	USA
87155	CT	RESISTENCIA AERO.	ARGENTINA	72290	T	SAN DIEGO/MONTGOMERY FLD, CA.	USA
71924	CT	RESOLUTE, N.W.T.	CANADA	80450	C	SAN FERNANDO DE APURE	VENEZUELA
85140	C	REYES	BOLIVIA	72494	C	SAN FRANCISCO/INT., CA.	USA
04030	C	REYKJAVIK	ICELAND	85207	C	SAN IGNACIO DE VELASCO	BOLIVIA
16749	C	RHODES (PARADISSI)	GREECE	85104	C	SAN JOAQUIN	BOLIVIA
85043	C	RIBERALTA	BOLIVIA	85247	C	SAN JOSE	BOLIVIA
72401	C	RICHMOND/BYRD, VA.	USA	84721	C	SAN JUAN	PERU
91948	C	RIKITEA	FRENCH POLY.	87311	C	SAN JUAN AERO	ARGENTINA
82915	C	RIO BRANCO	BRAZIL	86260	C	SAN JUAN BAUTISTA MISIONES	PARAGUAY
87736	C	RIO COLORADO	ARGENTINA	87909	C	SAN JULIAN AERO	ARGENTINA
87453	C	RIO CUARTO AERO	ARGENTINA	87436	C	SAN LUIS AERO	ARGENTINA
83743	C	RIO DE JANEIRO	BRAZIL	65594	C	SAN PEDRO	COTE D'IVOIRE
87925	C	RIO GALLEGOS AERO	ARGENTINA	87509	C	SAN RAFAEL AERO	ARGENTINA
87934	C	RIO GRANDE B.A.	ARGENTINA	78662	C	SAN SALVADOR	EL SALVADOR
80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA	71101	C	SANDSPIT, B.C.	CANADA
41533	C	RISALPUR	PAKISTAN	98428	C	SANGLEY POINT	PHILIPPINES
87065	C	RIVADAVIA	ARGENTINA	85123	C	SANTA ANA	BOLIVIA
40438	C	RIYADH	SAUDI ARABIA	85245	C	SANTA CRUZ	BOLIVIA
72411	C	ROANOKE/MUN., VA.	USA	87912	C	SANTA CRUZ AERO	ARGENTINA
65660	C	ROBERTS FIELD	LIBERIA	60020	C	SANTA CRUZ DE TENE- RIFE	SPAIN
85268	C	ROBORE	BOLIVIA	80462	CT	SANTA ELENA DE UAIREN	VENEZUELA
86565	C	ROCHA	URUGUAY	08515	C	SANTA MARIA (ACORES)	PORTUGAL
72644	C	ROCHESTER/MUN., MN.	USA	72394	C	SANTA MARIA/PUBLIC, CA.	USA
72529	C	ROCHESTER/ROCHESTER-MON., NY.	USA	80009	C	SANTA MARTA/SIMON BOLIVAR	COLOMBIA
94374	C	ROCKHAMPTON AIRPORT	AUSTRALIA	87623	CT	SANTA ROSA AERO	ARGENTINA
61988	C	RODRIGUES	MAURITIUS	78717	C	SANTA ROSA DE COPAN	HONDURAS
41725	C	ROHR	PAKISTAN	84505	C	SANTIAGO DE CHUCO	PERU
16242	C	ROMA/FIUMICINO	ITALY	87129	C	SANTIAGO DEL ESTERO AERO.	ARGENTINA
98536	C	ROMBLON	PHILIPPINES	78486	CT	SANTO DOMINGO	DOMINICAN REP
06190	C	RONNE	DENMARK	82668	C	SAO FELIX DO XINGU	BRAZIL
87480	C	ROSARIO AERO	ARGENTINA	82280	CT	SAO LUIZ	BRAZIL
61489	C	ROSSO	MAURITANIA	83781	C	SAO PAULO	BRAZIL
34731	CT	ROSTOV-NA-DONU	USSR	83780	T	SAO PAULO (AEROPORTO)	BRAZIL
89062	C	ROTHERA POINT	U KINGDOM	47412	CT	SAPPORO	JAPAN
98538	C	ROXAS	PHILIPPINES	13354	C	SARAJEVO	YUGOSLAVIA
45005	C	ROYAL OBSERVATORY	HONG KONG	34172	CT	SARATOV	USSR
64383	C	RUHENGERI	RWANDA	41594	CT	SARGODHA	PAKISTAN
47406	C	RUMOI	JAPAN	64750	C	SARH	CHAD
51777	C	RUOQIANG	CHINA	65599	C	SASSANDRA	COTE D'IVOIRE
85141	C	RURRENABAQUE	BOLIVIA	72734	C	SAULT STE. MARIE, MI.	USA
40642	C	RUTBAH	IRAQ	97900	C	SAUMLAKI	INDONESIA
61931	C	S. TOME	S. TOME	66226	C	SAURIMO (HENRIQUE DECARVALHO	ANGOLA
89001	CT	S.A.N.A.E. STATION	SOUTH AFRICA	72207	C	SAVANNAH/MUNICIPAL, GA.	USA
82106	C	S.GABRIEL DO CACHOE-IRA (UAU	BRAZIL	65335	C	SAVE	BENIN
96001	C	SABANG/CUT BAU	INDONESIA	48938	C	SAYABOURY	LAO PDR
71600	CT	SABLE ISLAND, N.S.	CANADA	10035	CT	SCHLESWIG	GERMANY, FED REP
72483	C	SACRAMENTO/EXECUTIVE, CA.	USA	98430	C	SCIENCE GARDEN	PHILIPPINES
06680	C	SAENTIS	SWITZ. LIECH.	04339	CT	SCORESBYSUND	DENMARK
42671	C	SAGRAR	INDIA	72793	C	SEATTLE/S.-TACOMA, WA.	USA
60533	C	SAIDA	ALGERIA	62124	CT	SEBHA	LIBYAN ARAB JAMAHIRI
41523	C	SAIDU SHARIF	PAKISTAN	41256	CT	SEEB, INTERNATIONAL AIRPORT	OMAN
44354	C	SAINSHAND	MONGOLIA	61892	C	SEFADU	SIERRA LEONE
61980	C	SAINT-DENIS/GILLOT (REUNION)	FRANCE	61272	C	SEGOU	MALI
61600	C	SAINT-LOUIS	SENEGAL	25703	CT	SEJMCAN	USSR
71805	C	SAINT-PIERRE	ST. PIERRE MIQUELON	96837	C	SEMARANG	INDONESIA
08594	CT	SAL	CAPE VERDE	36177	C	SEMIPALATINSK	USSR
41316	CT	SALALAH	OMAN	47590	CT	SENDAI	JAPAN
23330	CT	SALEHARD	USSR	62762	C	SENNAR	SUDAN
76833	C	SALINA CRUZ,OAX.	MEXICO	48948	C	SENO	LAO PDR
72572	C	SALT LAKE CITY/INT., UT.	USA	71811	CT	SEPT-ILES, QUE.	CANADA
87047	CT	SALTA AERO	ARGENTINA	61976	C	SERGE-FROLLOW (ILE TROMELIN)	FRANCE
86360	C	SALTO	URUGUAY	60445	C	SETIF	ALGERIA
86210	C	SALTOS DEL GUAIRA	PARAGUAY	08390	C	SEVILLA/TABLADA	SPAIN
83229	CT	SALVADOR	BRAZIL	63980	C	SEYCHELLES INT. AIRPORT	SEYCHELLES

STATION LIST WMO PUB 9 VOL A

63985	T	SEYCHELLES INT. AIRPORT	SEYCHELLES	02365	T	SUNDSVALL-HARNOSAND FLYGPLAT SWEDEN	
58367	CT	SHANGHAI	CHINA	24738	C	SUNTAR	USSR
03962	C	SHANNON AIRPORT	IRELAND	41268	C	SUR	OMAN
59316	C	SHANTOU	CHINA	96933	C	SURABAYA/PERAK	INDONESIA
41136	C	SHARURAH	SAUDI ARABIA	98653	C	SURIGAO	PHILIPPINES
71601	C	SHEARWATER,N.S.	CANADA	47421	C	SUTTSU	JAPAN
71399	T	SHELBURNE, N.S.	CANADA	01008	C	SVALBARD LUFTHAVN	NORWAY
70414	T	SHEMYA AFB, AK.	USA	28440	CT	SVERDLOVSK	USSR
54342	C	SHENYANG	CHINA	94767	C	SYDNEY AIRPORT	AUSTRALIA
72666	C	SHERIDAN/COUNTY, WY.	USA	71707	C	SYDNEY,N.S.	CANADA
47898	C	SHIMIZU/ASHIZURI	JAPAN	23804	CT	SYKTYVKAR	USSR
47778	CT	SHIONOMISAKI	JAPAN	41891	C	SYLHET	BANGLADESH
40848	C	SHIRAZ	IRAN, ISLAMIC REP	89532	CT	SYOWA	JAPAN
72248	C	SHREVEPORT/REG., LA.	USA	72519	C	SYRACUSE/HANCOCK, NY.	USA
41600	CT	SIALKOT	PAKISTAN	12205	C	SZCZECIN	POLAND
41697	C	SIBI	PAKISTAN	12982	CT	SZEGED	HUNGARY
64405	C	SIBITI	CONGO	65380	C	TABLIGBO	TOGO
15260	C	SIBIU	ROMANIA	63832	C	TABORA AIRPORT	U REP TANZANIA
96073	C	SIBOLGA/PINANGSORI	INDONESIA	65592	C	TABOU	COTE D'IVOIRE
48966	C	SIEMREAP	DEM KAMPUCHEA	40706	CT	TABRIZ	IRAN, ISLAMIC REP
61811	C	SIGUIRI	GUINEA	40375	CT	TABUK	SAUDI ARABIA
17210	C	SIIRT	TURKEY	98550	C	TACLOBAN	PHILIPPINES
61297	C	SIKASSO	MALI	84782	C	TACNA	PERU
42619	C	SILCHAR	INDIA	98644	C	TAGBILARAN	PHILIPPINES
17330	C	SILIFKE	TURKEY	91938	CT	TAHITI-FAAA	FRENCH POLY.
33946	C	SIMFEROPOL'	USSR	61043	C	TAHOUA	NIGER
32195	C	SIMUSIR	USSR	58968	T	TAIBEI	CHINA
48698	CT	SINGAPORE/CHANGI AIRPORT	SINGAPORE	41036	C	TAIF	SAUDI ARABIA
17026	C	SINOP	TURKEY	53772	C	TAIYUAN	CHINA
47035	C	SINUJU	DPR KOREA	47612	C	TAKADA	JAPAN
72557	C	SIOUX CITY/MUN., IA.	USA	47891	C	TAKAMATSU	JAPAN
72651	C	SIOUX FALLS/FOSS FIELD, SD.	USA	91943	C	TAKAROA	FRENCH POLY.
16757	C	SITIA	GREECE	84390	C	TALARA	PERU
17090	C	SIVAS	TURKEY	72214	C	TALLAHASSEE/MUN.,FL.	USA
62417	C	SIWA	EGYPT	26038	C	TALLIN	USSR
60355	C	SKIKDA	ALGERIA	60680	CT	TAMANRASSET	ALGERIA
13586	C	SKOPJE-PETROVAC	YUGOSLAVIA	67095	C	TAMATAVE	MADAGASCAR
16684	C	SKYROS	GREECE	61687	C	TAMBACOUNDA	SENEGAL
11903	C	SLIAC	CZECHOSLOVAKIA	38413	C	TAMDY	USSR
76845	C	SN.CRISTOBAL LAS CASAS,CHIS.	MEXICO	72211	C	TAMPA/INT.,FL.	USA
02836	CT	SODANKYLA	FINLAND	76548	C	TAMPICO, TAMPS	MEXICO
15614	CT	SOFIA (OBSERV.)	BULGARIA	16699	C	TANAGRA	GREECE
65361	C	SOKODE	TOGO	97876	C	TANAH MERAH/TANAH MERAH	INDONESIA
63962	C	SONGEA	U REP TANZANIA	87645	C	TANDIL AERO	ARGENTINA
48568	CT	SONGKHLA	THAILAND	47837	C	TANEHASHIMA	JAPAN
11146	C	SONNBLICK	AUSTRIA	96249	C	TANJUNG PANDAN/BULUH TUMBANG	INDONESIA
97502	C	SORONG/JEFMAN	INDONESIA	96091	C	TANJUNGPINANG/KIJANG	INDONESIA
64460	C	SOUANKE	CONGO	58965	C	TAOYUAN	CHINA
16746	C	SOUDA	GREECE	96509	C	TARAKAN/JUWATA	INDONESIA
72535	C	SOUTH BEND/ST.JOSEPH CO.,IN.	USA	84455	C	TARAPOTO	PERU
13334	C	SPLIT/MARJAN	YUGOSLAVIA	91610	CT	TARAWA	N ZEALAND
72785	CT	SPOKANE/INT., WA.	USA	23552	C	TARKO-SALE	USSR
72439	C	SPRINGFIELD/CAPITAL, IL.	USA	38457	CT	TASKENT	USSR
72440	C	SPRINGFIELD/MUN., MO.	USA	47646	T	TATENO	JAPAN
42027	CT	SRINAGAR	INDIA	47672	C	TATEYAMA	JAPAN
61986	C	ST. BRANDON (ST. RAPHAEL)	MAURITIUS	17205	C	TATVAN	TURKEY
72655	T	ST. CLOUD/WHITNEY, MN.	USA	96481	CT	TAWAU	MALAYSIA
61901	CT	ST. HELENA IS.	U KINGDOM	98427	C	TAYABAS	PHILIPPINES
72434	C	ST. LOUIS/LAMBERT, ST., MO.	USA	37549	CT	TBILISI	USSR
70308	C	ST. PAUL, AK.	USA	64507	C	TCHIBANGA	GABON
11028	C	ST. POELTEN	AUSTRIA	96797	C	TEGAL	INDONESIA
71801	CT	ST. JOHN'S,NFLD	CANADA	78720	C	TEGUCIGALPA	HONDURAS
83997	C	ST. VITORIA DO PALMAR	BRAZIL	40754	CT	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP
01415	CT	STAVANGER/SOLA	NORWAY	17056	C	TEKIRDAG	TURKEY
71815	TC	STEPHENVILLE,NFLD	CANADA	78706	C	TELA	HONDURAS
72260	T	STEPHENVILLE/CLARK FIELD,TX.	USA	96295	C	TELUKBETUNG/BERANTI	INDONESIA
02464	C	STOCKHOLM/BROMMA	SWEDEN	56739	C	TENGCHONG	CHINA
02465	T	STOCKHOLM/BROMMA	SWEDEN	89053	C	TENIENTE JUBANY E.C.	ARGENTINA
03026	CT	STORNOWAY	U KINGDOM	94238	C	TENNANT CREEK AIRPORT	AUSTRALIA
07190	C	STRASBOURG	FRANCE	61202	CT	TESSALIT	MALI
10739	CT	STUTTGART/SCHNARRENNBERG	GERMANY, FED REP	67261	C	TETE	MOZAMBIQUE
85283	C	SUCRE	BOLIVIA	71867	CT	THE PAS,MAN.	CANADA
41062	C	SULAYEL	SAUDI ARABIA	16622	C	THESSALONIKI/MIKRA	GREECE
15360	C	SULINA	ROMANIA	06011	CT	THORSHAVN	DENMARK
72429	T	SULPHUR GROVE, OH.	USA	41314	C	THUMRAIT	OMAN
97260	C	SUMBAWA BESAR/SUMBAWA BESAR	INDONESIA	94175	C	THURSDAY ISLAND	AUSTRALIA

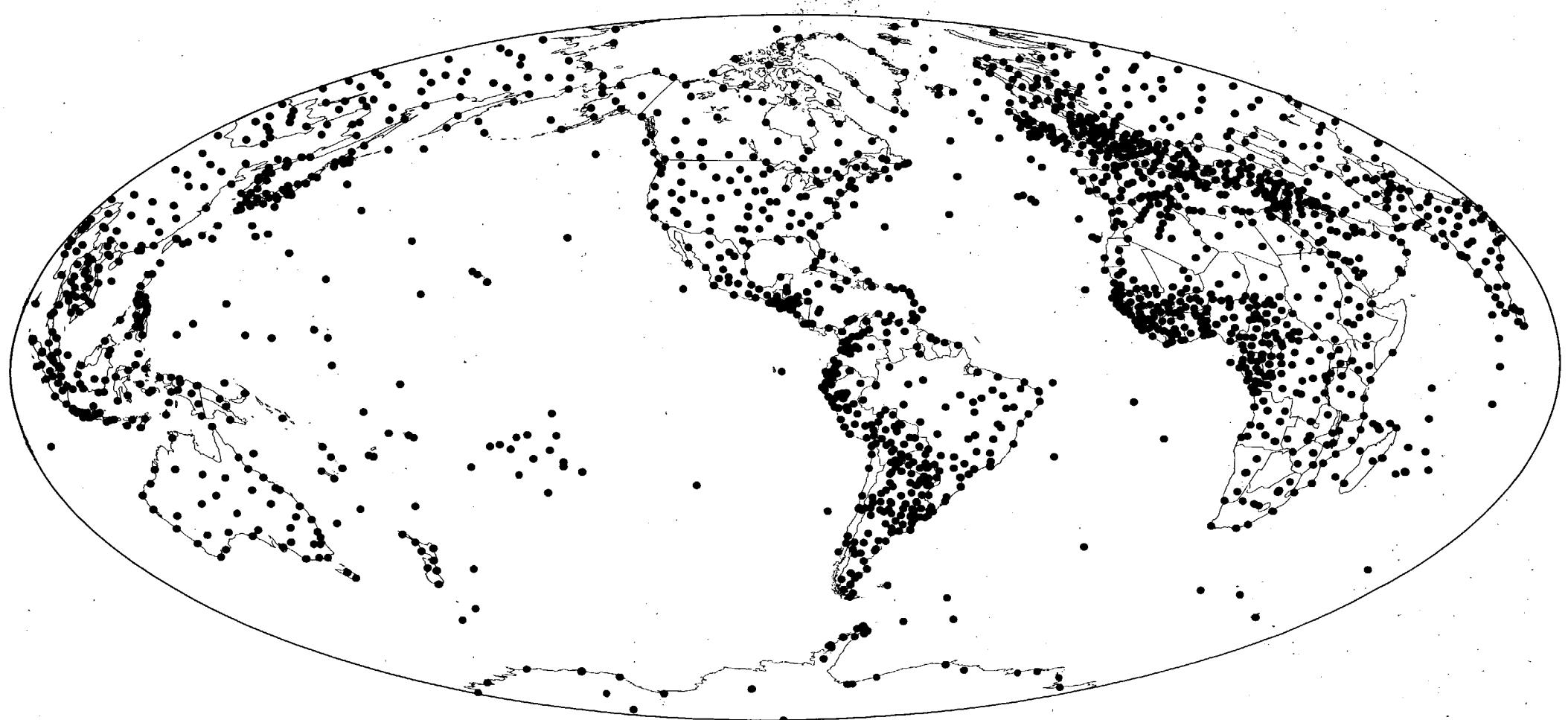
STATION LIST WMO PUB 9 VOL A

60511	C	TIARET	ALGERIA	03953	CT	VALENTIA OBSERVATORY	IRELAND
61450	C	TIDJIKJA	MAURITANIA	08141	C	VALLADOLID	SPAIN
61036	C	TILLABERY	NIGER	03302	C	VALLEY	U KINGDOM
81002	C	TIMEHRI	GUYANA	71892	C	VANCOUVER INT. AIRPORT, B.C.	CANADA
60607	C	TIMIMOUN	ALGERIA	01098	C	VARDO	NORWAY
15247	C	TIMISOARA	ROMANIA	15552	C	VARNA	BULGARIA
60656	C	TINDOUF	ALGERIA	26477	C	VELIKIE LUKI	USSR
84534	C	TINGO MARIA	PERU	16105	C	VENEZIA/TESSERA	ITALY
03100	C	TIREE	U KINGDOM	42909	C	VERAVAL	INDIA
13462	C	TITOGRAD/GOLUBOVCI	YUGOSLAVIA	24266	CT	VERHOJANSK	USSR
60531	C	TLEMEN (ZENATA)	ALGERIA	71115	T	VERNON, B.C.	CANADA
28275	C	TOBOL'SK	USSR	16090	C	VERONA/VILLA FRANCA	ITALY
47662	C	TOKYO	JAPAN	48112	C	VICTORIA POINT	BURMA
72536	C	TOLEDO/EXPRESS, OH.	USA	72255	C	VICTORIA/VICTORIA REG., TX.	USA
61223	CT	TOMBOUCTOU	MALI	87791	C	VIEDMA AERO	ARGENTINA
72456	C	TOPEKA/MUN., KS.	USA	48927	C	VIENG SAY	LAO PDR
71624	C	TORONTO INT. AIRPORT ONT.	CANADA	48940	C	VIENTIANE	LAO PDR
76382	C	TORREON, COAH.	MEXICO	98222	C	VIGAN	PHILIPPINES
60555	C	TOUGOURT	ALGERIA	83208	C	VILHENA	BRAZIL
07630	C	TOULOUSE/BLAGNAC	FRANCE	24641	C	VILNUJSK	USSR
94294	CT	TOWNSVILLE AIRPORT	AUSTRALIA	60096	C	VILLA CISNEROS	WESTERN SAHARA
47747	C	TOYOOKA	JAPAN	87328	C	VILLA DOLORES AERO	ARGENTINA
16429	CT	TRAPANI/BIRGI	ITALY	87448	C	VILLA REYNOLDS AERO	ARGENTINA
07145	T	TRAPPES	FRANCE	86233	C	VILLARRICA	PARAGUAY
86500	C	TREINTA Y TRES	URUGUAY	80234	C	VILLAVICENCIO/VANGUARDIA	COLOMBIA
87828	C	TRELEW AERO	ARGENTINA	48845	C	VINH	VIET NAM
87688	C	TRES ARROYOS	ARGENTINA	02590	C	VISBY FLYGPLATS	SWEDEN
83618	C	TRES LAGOAS	BRAZIL	43149	C	VISHAKHAPATNAM	INDIA
16110	C	TRIESTE	ITALY	31960	CT	VLADIVOSTOK	USSR
16645	C	TRIKALA	GREECE	27037	CT	VOLOGDA	USSR
43418	C	TRINCOMALEE	SRI LANKA	34122	C	VORONEZ	USSR
83650	CT	TRINIDADE (ILHA)	BRAZIL	22837	C	VYTEGRA	USSR
85154	C	TRINIDAD	BOLIVIA	72256	C	WACO, MADISON-COOPER, TX.	USA
40103	C	TRIPOLI	LEBANON	62751	C	WAD MEDANI	SUDAN
62010	CT	TRIPOLI INT. AIRPORT	LIBYAN ARAB JAMAHIRI	03377	C	WADDINGTON	U KINGDOM
16710	C	TRIPOLIS	GREECE	62600	C	WADI HALFA	SUDAN
43371	CT	TRIVANDRUM	INDIA	94910	CT	WAGGA AIRPORT	AUSTRALIA
01025	C	TROMSO/LANGNES	NORWAY	97340	C	WAINGAPU/MAU HAU	INDONESIA
84501	C	TRUJILLO	PERU	47600	CT	WAJIMA	JAPAN
91334	CT	TRUK, CAROLINE IS.	USA	91245	C	WAKE ISLAND AIRFIELD, WAKE I	USA
91954	C	TUBuai	FRENCH POLY.	47401	CT	WAKKANAI	JAPAN
72274	CT	TUCSON/INT., AZ.	USA	97686	C	WAMENA/WAMENA	INDONESIA
87121	C	TUCUMAN AERO	ARGENTINA	09170	C	WARNEMUENDE	GERMAN DEM REP
98233	C	TUGUEGARAO	PHILIPPINES	12375	C	WARSZAWA-OKECIE	POLAND
67161	C	TULEAR	MADAGASCAR	72405	C	WASHINGTON/NAT., VA.	USA
72356	C	TULSA/INT., OK.	USA	72403	T	WASHINGTON/STERLING, VA.	USA
80337	C	TUMACO/EL MIRA	COLOMBIA	62880	C	WAU	SUDAN
84370	C	TUMBES	PERU	72213	T	WAYCROSS/WARE CO., GA.	USA
60715	CT	TUNIS CARTHAGE	TUNISIA	40400	C	WEJH	SAUDI ARABIA
24507	CT	TURA	USSR	93434	C	WELLINGTON	N ZEALAND
40356	C	TURAIF	SAUDI ARABIA	72203	C	WEST PALM BEACH/INT., FL.	USA
35358	C	TURGAJ	USSR	71964	CT	WHITEHORSE, Y.T.	CANADA
02972	C	TURKU	FINLAND	72450	C	WICHITA, KS.	USA
23472	CT	TURUHANSK	USSR	61902	T	WIDE AWAKE FLD(ASCENSION IS)	USA
48407	T	UBON RATCHATHANI	THAILAND	11035	CT	WIEN/HOHE WARTE	AUSTRIA
06447	CT	UCCLE	BELGIUM	72513	C	WILKES-BARRE-SCRANTON, PA.	USA
16045	CT	UDINE/RIVOLTO	ITALY	94776	CT	WILLIAMTOWN AERODROME	AUSTRALIA
48354	C	UDON THANI	THAILAND	94299	CT	WILLIS ISLAND	AUSTRALIA
97180	CT	UJUNG PANDANG/HASANUDDIN	INDONESIA	72767	C	WILLISTON/SLOULIN FIELD, ND.	USA
44292	C	ULAN-BATOR	MONGOLIA	72583	C	WINNEMUCCA/MUN., NV.	USA
44212	C	ULAN-GOM	MONGOLIA	71852	C	WINNIPEG INT. AIRPORTMAN.	CANADA
44214	C	ULGI	MONGOLIA	12497	C	WLODAWA	POLAND
44272	C	ULIASTAI	MONGOLIA	47055	C	WONSAN	DPR KOREA
76225	C	UNIV. DE CHIHUAHUA, CHIHUAHUA MEXICO	SOUTH AFRICA	94659	CT	WOOMERA AERODROME	AUSTRALIA
76225	T	UNIV. DE CHIHUAHUA, CHIHUAHUA MEXICO		12425	T	WROCLAW I	POLAND
68424	CT	UPINGTON		12424	C	WROCLAW II	POLAND
47426	C	URAKAWA	JAPAN	57036	C	XI'AN	CHINA
17270	C	URFA	TURKEY	56571	C	XICHANG	CHINA
51463	CT	URUMQI	CHINA	85365	C	YACUIBA	BOLIVIA
17188	C	USA	TURKEY	72781	C	YAKIMA/YAKIMA AIR TERM., WA.	USA
87938	C	USHUAIA B.A.	ARGENTINA	70361	CT	YAKUTAT, AK.	USA
30635	C	UST'-BARGUZIN	USSR	64661	C	YALINGA	CENTRAL AFRICAN REP
25325	C	UST'-OLOJ	USSR	47588	C	YAMAGATA	JAPAN
02911	C	VAASA	FINLAND	65563	C	YAMOUSOUKRO	COTE D'IVOIRE
61995	T	VACOAS(MAURITIUS)	MAURITIUS	54292	C	YANJI	CHINA
85766	C	VALDIVIA	CHILE	64950	C	YAOUNDE	REP CAMEROON

# STATION LIST WMO PUB 9 VOL A

91413	C	YAP, CAROLINE IS.	USA
84710	C	YAURI	PERU
61877	C	YELE	SIERRA LEONE
40439	C	YENBO	SAUDI ARABIA
57461	C	YICHANG	CHINA
53614	C	YINCHUAN	CHINA
51431	C	YINING	CHINA
64900	C	YOKO	REP CAMEROON
65167	C	YOLA	NIGERIA
47744	CT	YONAGO	JAPAN
72525	C	YOUNGSTOWN, OH.	USA
84425	C	YURIMAGUAS	PERU
76525	C	ZACATECAS,ZAC.(LA BUFA,ZAC.)	MEXICO
13129	C	ZAGREB/GRIC	YUGOSLAVIA
13130	T	ZAGREB/MAKSIMIR	YUGOSLAVIA
98836	CT	ZAMBOANGA	PHILIPPINES
81225	C	ZANDERIJ	SURINAME
08160	C	ZARAGOZA/AEROPUERTO	SPAIN
40986	C	ZARANJ	AFGHANISTAN
57083	C	ZHENGZHOU	CHINA
57745	C	ZHIJIANG	CHINA
41620	CT	ZHOB	PAKISTAN
61695	C	ZIGUINCHOR	SENEGAL
61090	C	ZINDER	NIGER
17022	C	ZONGULDAK	TURKEY
61404	C	ZOUERATE	MAURITANIA
10961	C	ZUGSPITZE	GERMANY, FED REP
06660	C	ZURICH (TOWN/VILLE)	SWITZ. LIECH.
25400	C	ZYRJANKA	USSR

# **CLIMATIC DATA STATIONS - WORLDWIDE**



**COVER:** The cover maps are long term means analyzed on a miller cylindrical projection of the world. They were prepared by U. S. National Climatic Data Center personnel from a variety of sources, including data from Monthly Climatic Data for the World and ship reports exchanged under WMO Res. 35 (Cg-IV). Since it was not possible to select all data for the same years of record, maps do not represent a "Standard Normal" period, but are generally representative of conditions during 1950's to mid-1970's. However, some ship data as early as the 1850's and land data from the 1890's to 1950's were used to help fill data gaps. The appropriate month's analysis will be shown in each issue. Since the scale is small, these maps can be used only for generalizations over large areas. If detailed statistics are needed, summaries of finer resolution should be used.

National Climatic Data Center  
January 1987

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE  
NATIONAL CLIMATIC DATA CENTER  
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